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JVC

SERVICE MANUAL

COLOR TELEVISION

AV-32S565/Y,
AV-32S575/Y,
AV-32S585/Y

BASIC CHASSIS
SC2

[AV-32S565]

[AV-32S575]
[AV-32S585]

I'Art PRO
D.I.S.T. Digital Image Scaling Technology
HIGH DEFINITION TELEVISION HDTV MONITOR
BBE
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

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No.YA093
2004/6

SPECIFICATION

Items		Contents		
		AV-32S565	AV-32S575	AV-32S585
Dimensions (W × H × D)		87.7cm × 69.9cm × 56.5cm (34-5/8" × 27-5/8" × 22-1/4")	93.9cm × 68.5cm × 57.0cm (37" × 27" × 22-1/2")	
Mass		66.0 kg (145.2 lbs)	65.0 kg (143.1 lbs)	
TV RF System		CCIR (M)		
Color System		NTSC		
Sound System		BTSC (Multi Channel Sound)		
Teletext System		Closed caption (T1-T4 / CC1-CC4)		
TV Receiving Channels and Frequency	VHF Low	02ch to 06ch : 54MHz to 88MHz		
	VHF High	07ch to 13ch : 174MHz to 216MHz		
	UHF	14ch to 69ch : 470MHz to 806MHz		
	CATV	54MHz to 804MHz		
		Low Band : 02 to 06, A-8 by 02 to 06&01		
		High Band : 07 to 13 by 07 to 13		
		Mid Band : A to I by 14 to 22		
		Super Band : J to W by 23 to 36		
		Hyper Band : W+1 to W+28 by 37 to 64		
		Ultra Band : W+29 to W+84 by 65 to 94, 100 to 125		
		Sub Mid Band : A4 to A1 by 96 to 99		
TV / CATV Total Channel		180 Channels		
Intermediate Frequency	Video IF	45.75 MHz		
	Sound IF	41.25 MHz (4.5MHz)		
Color Sub Carrier		3.58 MHz		
Power Input		AC120V, 60Hz		
Power Consumption		215W		
Picture Tube (Visible size)		80cm (32") (Diagonally), H: 49.6cm × W: 65.6cm (H: 19-5/8" × W: 25-7/8")		
High Voltage		32kV(+1kV/-1.3kV) (at zero beam current)		
Speaker		5cm × 12cm (2" × 4-3/4"), Oval type × 2	6.5cm × 13cm (2-1/2" × 5"), Oval type × 2	
Audio Power Output		7.5W + 7.5W	10W + 10W	
Antenna terminal (VHF/UHF)		F-type connector, 75Ω unbalanced, coaxial		
Video / Audio input [INPUT-1/2/3/4]	Component Video [INPUT-1/2]	RCA pin jack × 6		
	1080i / 720p	Y : 1V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω		
		Pb/Pr : ±0.35V(p-p), 75 Ω		
	480p / 480i	Y : 1V (p-p), Positive (Negative sync provided), 75 Ω		
		Cb/Cr : ±0.7V(p-p), 75 Ω		
	S-Video [INPUT-1/3/4]	Mini-DIN 4 pin × 3		
		Y: 1V (p-p), Positive (Negative sync provided), 75 Ω		
		C: 0.286V (p-p) (Burst signal), 75 Ω		
	Video	1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 4		
	Audio	500mV (rms), High impedance, RCA pin jack × 8		
Digital input	Video/Audio (Digital)	---	HDMI jack × 1 (Digital-input terminal is not compatible with picture signals of computer signal)	
	Audio (Anarog)	---	RCA pin jack × 2, 500mV(rms) (-4dBs), high impedance	
Audio output		RCA pin jack × 2		
	Variable	More than 0 to 1000mV (rms) (+2.2dBs) [AV-32S575 / AV-32S585]		
	Fix	500mV(rms), (-4dBs), low impedance (400Hz when modulated 100%)		
Subwoofer output		---	RCA pin jack × 1 More than 0 to 1000mV (rms) (+2.2dBs), low impedance (100Hz when modulated 100%)	
Center channel input		---	RCA pin jack × 1, 500mV(rms) (-4dBs), high impedance	
AV compulink III		---		3.5mm mini jack × 1
Remote Control Unit		RM-C1257G (AA/R6/UM-3 battery × 2)		

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Use isolation transformer when hot chassis.**
The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.

(5) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⏚) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(6) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See B1 POWER SUPPLY check).

(7) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(8) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

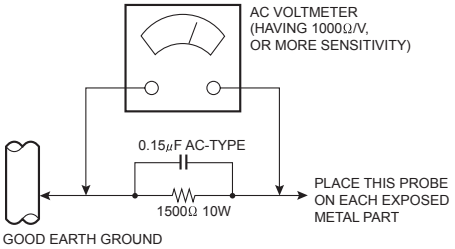
(9) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(10) **Isolation Check (Safety for Electrical Shock Hazard)**
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

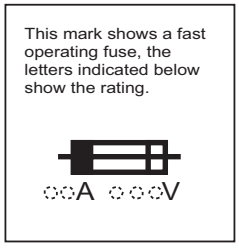
a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

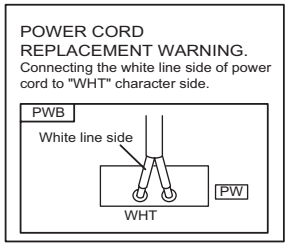
b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



(11) **High voltage hold down circuit check.**
After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.See item **"How to check the high voltage hold down circuit"**.





SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

D.I.S.T. (Digital Image Scaling Technology)
This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

SMART CAPTION [AV-32S585]
Smart caption will appear when you press the MUTING button, only on channels where the broadcast contains CLOSED CAPTION information.

SMART SOUND [AV-32S575 / AV-32S585]
Decreases high sound levels, giving a regulated sound level.

FLAT SQUARE CRT
It became legible from any position by CRT with few reflection and reflect lumps on the flat screen.

DIGITAL COMB FILTER
By the 3D digital comb filter, the refreshed image can be seen.

VIDEO STATUS
Expression of a favorite screen can be chosen by the VIDEO STATUS function.
[STANDARD ↔ DYNAMIC ↔ THEATER ↔ GAME]

DIGAITAL INPUT [AV-32S575 / AV-32S585]
Digital-in will display when any picture signal (480i/ 480p, 720p/ 1080i) in Digital-in is displayed.

V-CHIP
Since the V-CHIP is built in, it can choose, view and listen to a healthy program.

MTS STEREO
The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

NATURAL CINEMA
Watching the movie or animation, press the Natural Cinema to adjust the out line of the images to make thin more sharp.

BBE [AV-32S575 / AV-32S585]
High definition audio adds natural, clear and extraordinary sound quality to any program.

VIDEO INPUT LABEL [AV-32S565 / AV-32S575]
This function is used to label video input connections for the onscreen displays.

A.H.S. [AV-32S575 / AV-32S585]
Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

HYPER SURROUND [AV-32S565]
Creates a deep, three-dimensional sound effect by channeling the audio through the TV's front-firing speakers.

2.2 MAIN DIFFERENCE LIST

Item	AV-32S565	AV-32S575	AV-32S585
FRONT CABINET COLOR	SILVER	←	SILVER / GRAY
POWER LED	GREEN	BLUE	←
BBE	NO	YES	←
SURROUND	HYPER SURROUND	A.H.S	←
SMART SOUND	NO	YES	←
SMART CAPTION	NO	←	YES
CHANNEL LABEL	YES	←	NO
VIDEO INPUT LABEL	YES	←	NO
XDS ID DISPLAY	NO	YES	←
INTERACTIVE PLUG IN MENU	NO	YES	←
CENTER CHANNEL INPUT	NO	YES	←
SUBWOOFER OUTPUT	NO	YES	←
AUDIO OUTPUT	FIX	VARIABLE / FIX	←
DIGITAL INPUT	NO	YES (HDMI)	←
AV COMPULINK III	NO	←	YES

2.3 TECHNICAL INFORMATION

2.3.1 MAIN MICRO COMPUTER (CPU) FUNCTION

Pin No.	Pin name	I/O	Function	Pin No.	Pin name	I/O	Function
1	BS_RXD	-	Not used	43	P74	-	Not used
2	/MICON_V	I	V. sync for OSD	44	ON_TIM	-	Not used
3	LB_PRO	I	Low B protect detection [Detect: H]	45	SBO0	-	Not used
4	NC	-	Not used	46	SBD0	-	Not used
5	/RST	I	CPU reset [Reset: L]	47	SBT1	I	Use for on board writing [for factory]
6	FORMAT_EDGE	O	NC	48	TS_PC_DET	-	Not used
7	/TEST	O	Operation test for CPU	49	SRQ	-	Not used
8	OSD_YS	I	Ys (blanking) for OSD	50	BS1.5CTL	-	Not used
9	SDA4	I/O	Data for Inter IC control (for DIST)	51	EE_ABL	-	Not used
10	SYNCSEL	O	Not used	52	ABL/ACL	O	ABL/ACL control
11	A_MU	O	Audio muting [Muting: H]	53	CHROMA	I	Not used
12	/MICON_H	O	H. sync for OSD	54	DC_COTL	I	Black level DC reproduce control
13	M_MU	O	NC	55	FMT1	-	Not used
14	OSDXI	O	Keep for OSD oscillation	56	FMT2	-	Not used
15	OSDXO	O	Keep for OSD oscillation	57	AFC_1	I	Sub AFT voltage
16	SDA2	I/O	Data for Inter IC control (for MTS)	58	/LOB_POW	O	Low B power control [Power on: L]
17	AC_IN	I	AC(60Hz) for timer clock	59	COMPLINK	I/O	AV compulink III control
18	SCL2	O	Clock for Inter IC control (for MTS)	60	/POWERGOOD	I	Power condition check
19	TU_POW	-	Not used	61	/MECA_ON	O	Power SW interrupt [Pushing:L]
20	VCOI	I	LPF	62	/MAIN_POW	I	Main power control [Power on: L]
21	PDO	I	LPF	63	NC	-	Not used
22	/IP_RESET	I	Reset for DIST [Reset: L]	64	/B1_POW	O	B1 power control [Power on: L]
23	OSD_YM	I	YM (transparence) for OSD	65	C/N	I	Main AFT voltage
24	OSD_B	O	Blue for OSD	66	X_RAY_M	I	X-ray protect detection [Protect: 0.7V]
25	POWER_LED	O	Lighting for POWER LED [Lighting: H]	67	EE_CDS	-	Not used
26	OSD_G	O	Green for OSD	68	KEY2	I/O	Key scan for front key (CH+ Vol-/+)
27	OSD_R	O	Red for OSD	69	KEY1	O	Key scan for front key (Menu CH-)
28	VREF	I	Reference voltage for OSD	70	SCL1	O	Clock for Inter IC control (for Memory)
29	IP_ERR	I	AMDP program load error detection [Detect: L]	71	SDA1	I/O	Data for Inter IC control (for Memory)
30	IREF	O	Reference current for OSD	72	REMO	I	Remote control [No input: H]
31	COMP	O	Phase adjust for OSD	73	POW_DET	-	Not used
32	AVDD	I	+3.3V	74	VSS	-	GND
33	CLL	O	For low clamp level	75	OSC2	O	System clock oscillation (4MHz)
34	VREFLS	I	Reference voltage in for sub CCD	76	OSC1	I	System clock oscillation (4MHz)
35	SUB_CCD	I	Composite video for sub CCD	77	VDD	I	+3.3V
36	NC	-	Not used	78	SCL0	O	Clock for Inter IC control (for Generally)
37	VSS	-	GND	79	VOUTENB	-	Not used
38	MAIN_CCD	O	Composite video for main CCD	80	SDA0	I/O	Data for Inter IC control (for Generally)
39	VREFHS	O	Reference voltage for main CCD	81	P57	-	Not used
40	CLH	O	For high clamp level	82	BS_TXD	-	Not used
41	VDD/VPP	I	+3.3V	83	BS_TXD	-	Not used
42	SCL4	O	Clock for Inter IC control (for DIST)	84	P_MUTE	O	Picture muting [Muting: H]

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE [AV-32S565]

3.1.1 REMOVING THE REAR COVER

- Unplug the power plug.
  (1) Remove the 14 screws **[A]** as shown in Fig.2.
  (2) Remove the REAR COVER toward you.

NOTE:

When reinstalling the REAR COVER, carefully push it inward after inserting the chassis into the REAR COVER groove.

3.1.2 REMOVING THE SPEAKER

- Remove the REAR COVER.
  (1) Remove the 2 screws **[C]** as shown in Fig.2, then remove the SPEAKER HOLDER.
  (2) Remove the 2 screws **[D]** as shown in Fig.2, then remove the SPEAKER.
  (3) Follow the same steps when removing the other hand SPEAKER.

3.1.3 REMOVING THE AV TERMINAL BOARD

- Remove the REAR COVER.
  (1) Remove the 3 screws **[B]** as shown in Fig.2.
  (2) Withdraw the AV TERMINAL BOARD toward you.

3.1.4 REMOVING THE CHASSIS

- Remove the REAR COVER.
  (1) Slightly raise the both sides of the CHASSIS by hand and remove the 2 claws under the both sides of the CHASSIS from the front cabinet.
  (2) Withdraw the CHASSIS backward.
  (If necessary, remove the wire clamps, connectors etc.)

3.1.5 REMOVING THE CONTROL BASE

- Remove the REAR COVER.
  Remove the CHASSIS.
  (1) While pushing down the claws **[b]** as shown in Fig.1.
  (2) Remove the CONTROL BASE in the arrow direction marked **[c]**.
  (If necessary, remove the wire clamps, connectors etc.)

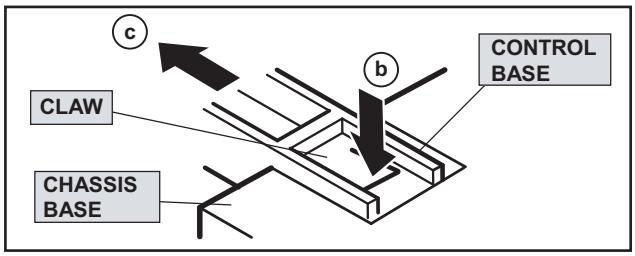


Fig.1

3.1.6 CHECKING THE PW BOARD

- To check the PW Board from backsid.
  (1) Pull out the CHASSIS. (Refer to REMOVING THE CHASSIS).
  (2) Erect the CHASSIS vertically with the HVT side facing up so that you can easily check the back side of the PW Board.

CAUTION:

- When erecting the CHASSIS, be careful so that there will be no contact with other PWB.
- Before turning the power on, make sure that the CRT earth wire and other connectors are properly connected.

3.1.7 WIRE CLAMPING AND CABLE TYING

(1) Be sure to clamp the wire.
(2) Never remove the cable tie used for tying the wires together.
Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

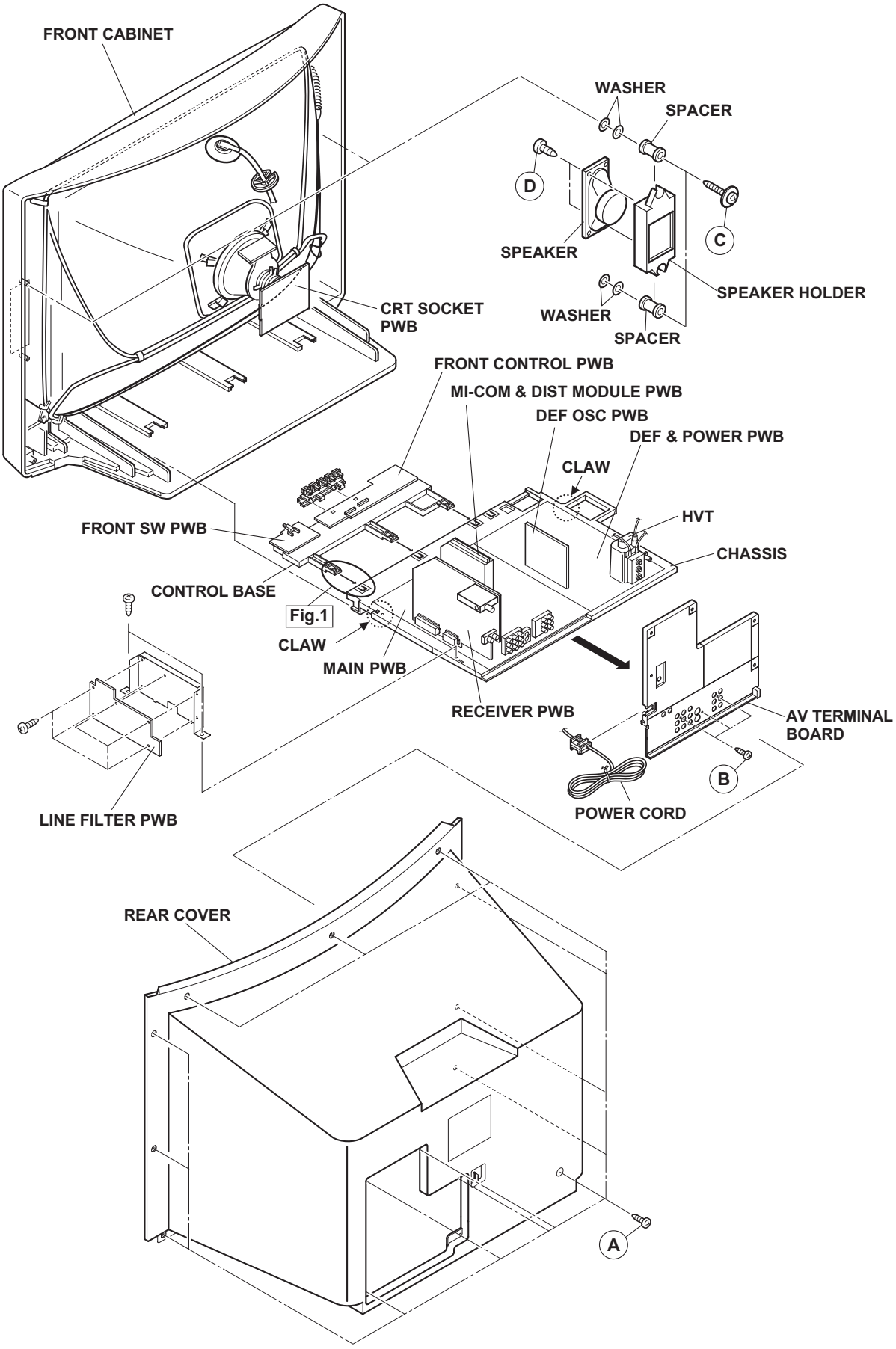

FRONT CABINET
WASHER
SPACER
D
C
SPEAKER
SPEAKER HOLDER
WASHER
SPACER
CRT SOCKET PWB
FRONT CONTROL PWB
MI-COM & DIST MODULE PWB
DEF OSC PWB
DEF & POWER PWB
CLAW
HVT
CHASSIS
FRONT SW PWB
CONTROL BASE
Fig.1
CLAW
MAIN PWB
RECEIVER PWB
AV TERMINAL BOARD
B
POWER CORD
LINE FILTER PWB
REAR COVER
A

Fig.2

3.2 DISASSEMBLY PROCEDURE [AV-32S575 / AV-32S585]

3.2.1 REMOVING THE REAR COVER

- Unplug the power plug.
  (1) Remove the 13 screws **[A]** as shown in Fig.4.
  (2) Remove the REAR COVER toward you.

NOTE:

When reinstalling the REAR COVER, carefully push it inward after inserting the chassis into the REAR COVER groove.

3.2.2 REMOVING THE SPEAKER

- Remove the REAR COVER.
  (1) Remove the 2 screws **[D]** as shown in Fig.4, then remove the SPEAKER toward you.
  (2) Follow the same steps when removing the other hand SPEAKER.

3.2.3 REMOVING THE AV TERMINAL BOARD

- Remove the REAR COVER.
  (1) Remove the 4 screws **[B]** and 1 screw **[C]** as shown in Fig.4.
  (2) Withdraw the AV TERMINAL BOARD toward you.

3.2.4 REMOVING THE CHASSIS

- Remove the REAR COVER.
  (1) Slightly raise the both sides of the CHASSIS by hand and remove the 2 claws under the both sides of the CHASSIS from the front cabinet.
  (2) Withdraw the CHASSIS backward.
  (If necessary, remove the wire clamps, connectors etc.)

3.2.5 REMOVING THE CONTROL BASE

- Remove the REAR COVER.
  Remove the CHASSIS.
  (1) While pushing down the claws **[b]** as shown in Fig.3.
  (2) Remove the CONTROL BASE in the arrow direction marked **[c]**.
  (If necessary, remove the wire clamps, connectors etc.)

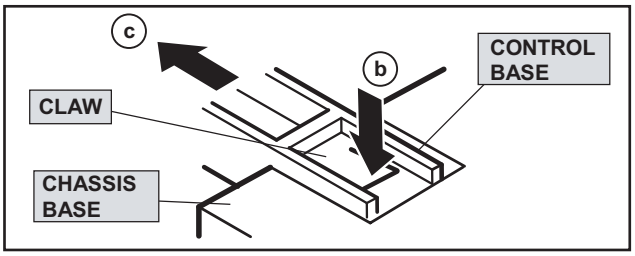


Fig.3

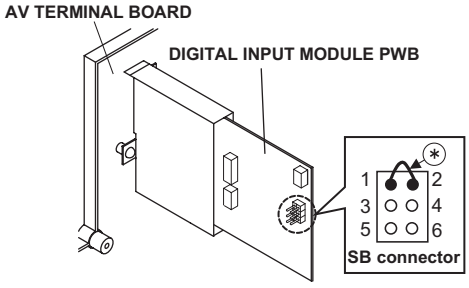
3.2.6 REMOVING THE DIGITAL INPUT MODULE PWB

- Remove the REAR COVER
- Remove the AV TERMINAL BOARD.
  (1) Remove the 1 screw **[F]** and 1 screw **[G]** as shown in Fig.4.
  (2) Remove the DIGITAL INPUT MODULE PWB.

NOTE:

If necessary, take off the wire clamps, connectors etc.

CAUTION AT DISASSEMBLY



- Prior to disassembly, unplug the power plug from the AC outlet without fail. (Turn the power "off".)
- Short the SB connector [1] pin and [2] pin of the DIGITAL INPUT MODULE PWB. (At the time of assembling)
- Before the rear cover is inserted into the cabinet, release the short-circuit between the SB connector [1] pin and [2] pin of the DIGITAL INPUT MODULE PWB.
- After releasing the short-circuit between the SB connectors, do not turn the power on until the rear cover is inserted into the cabinet.
- Negligence in carrying out the above steps may cause the inactivation of the TV.

3.2.7 CHECKING THE PW BOARD

- To check the PW Board from backsid.
  (1) Pull out the CHASSIS. (Refer to REMOVING THE CHASSIS).
  (2) Erect the CHASSIS vertically with the HVT side facing up so that you can easily check the back side of the PW Board.

CAUTION:

- When erecting the CHASSIS, be careful so that there will be no contact with other PWB.
- Before turning the power on, make sure that the CRT earth wire and other connectors are properly connected.

3.2.8 WIRE CLAMPING AND CABLE TYING

(1) Be sure to clamp the wire.
(2) Never remove the cable tie used for tying the wires together.
Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

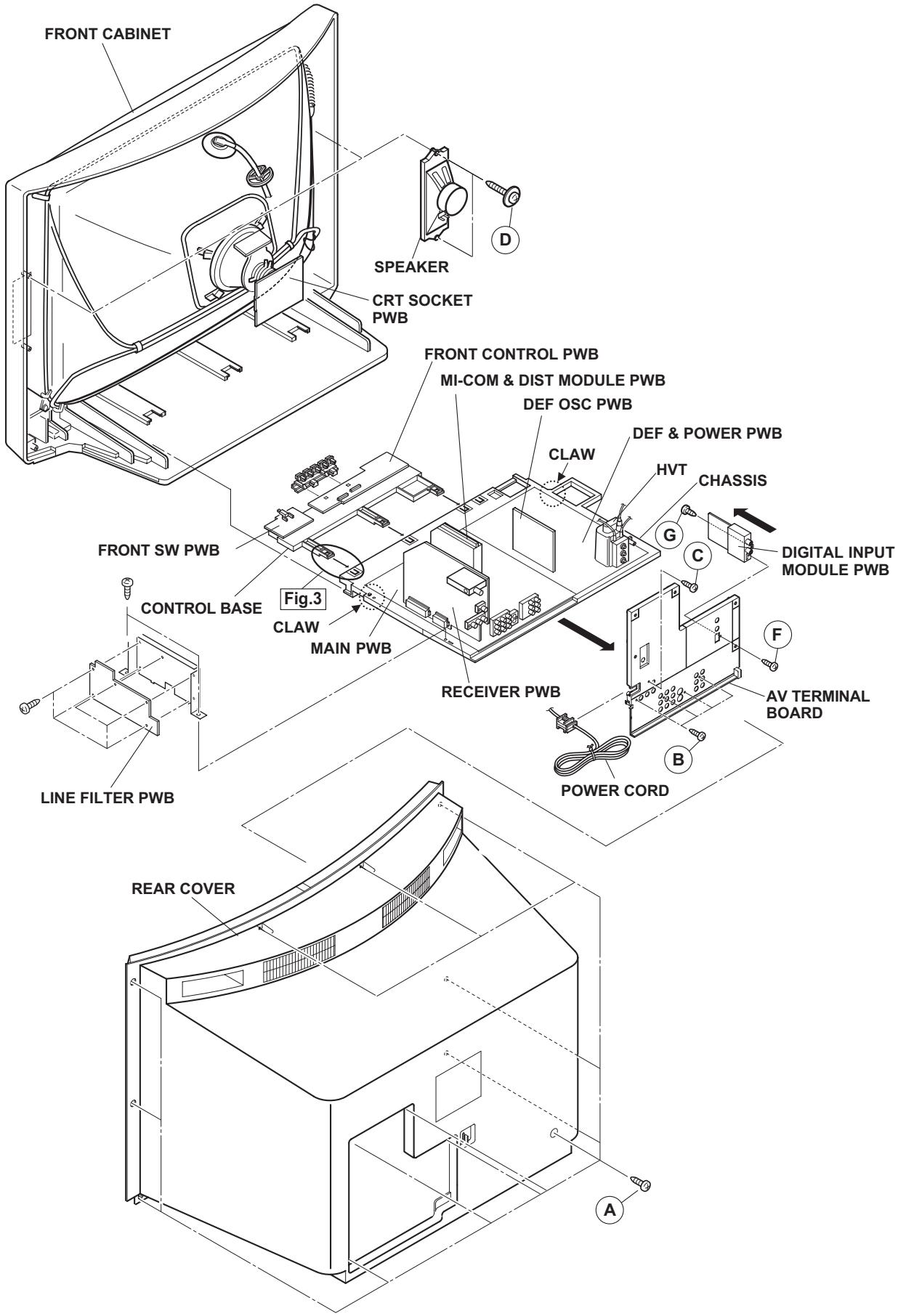

FRONT CABINET
SPEAKER
D
CRT SOCKET PWB
FRONT CONTROL PWB
MI-COM & DIST MODULE PWB
DEF OSC PWB
DEF & POWER PWB
CLAW
HVT
CHASSIS
G
C
DIGITAL INPUT MODULE PWB
FRONT SW PWB
CONTROL BASE
Fig.3
CLAW
MAIN PWB
F
RECEIVER PWB
AV TERMINAL BOARD
B
POWER CORD
LINE FILTER PWB
REAR COVER
A

Fig.4

3.2.9 REMOVING THE CRT

NOTE:

- Replacement of the CRT should be performed by 2 or more persons.
- After removing the REAR COVER, CHASSIS etc.,

(1) Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig. 3).

(2) While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig. 3.

(3) Remove 4 screws marked by arrows with a box type screwdriver as shown in Fig. 4.

NOTE:

Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.

(4) After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front surface of the cabinet) shown in Fig. 5.

NOTE:

- The CRT should be assembled according to the opposite sequence of its dismounting steps.
- The CRT change table should preferably be smaller that the CRT surface, and its height be about 35cm.

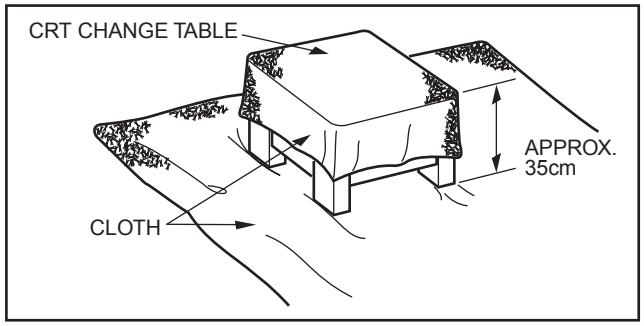


Fig.3

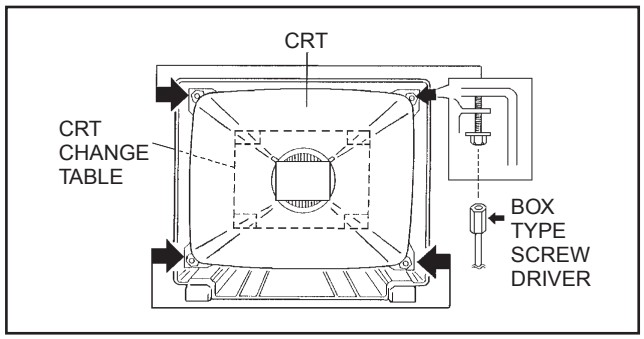


Fig.4

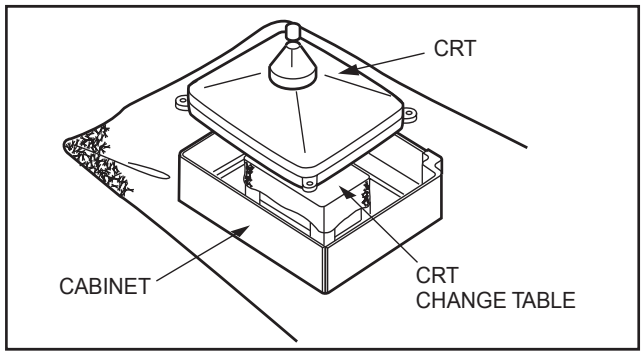


Fig.5

CAUTION FOR DEGAUSSING WORKS

Whenever degaussing works are required due to distorted images and colors caused by the replacement of the CRT or other external magnetic forces, self-degaussing (internal degaussing) should be carried out without fail instead of degaussing the monitor from the outside.

Because of the characteristics of the CRT used in this monitor , the distorted images and colors may worsen if degaussing the monitor from the outside has been performed.

Even if external degaussing works have been carried out, self-degaussing should be performed by turning the power on the monitor.

When you want to perform self-degaussing of the monitor whose power is already turned on, turn of f the power and wait for about 10 minutes before turning the power on the monitor again for self-degaussing.

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat silicon grease for electrical insulation as shown in Fig.6.Wipe around the anode button with clean and dry cloth. (Fig.6)Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases dose not sticks to the anode button. (Fig.7)

Silicon grease product No. KS - 650N

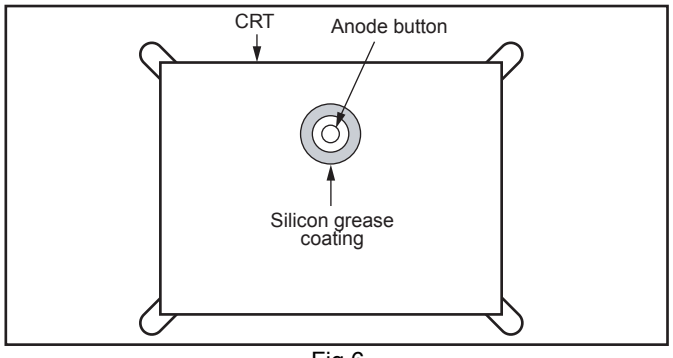


Fig.6

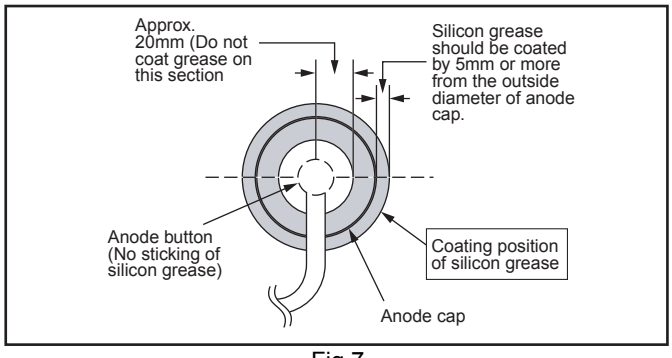


Fig.7

3.3 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.3.1 MEMORY IC REPLACEMENT PROCEDURE

1. POWER OFF
Switch off the power and disconnect the power plug.

2. REPLACE THE MEMORY IC
Be sure to use the memory IC written with the initial setting values.

3. POWER ON
Connect the power plug to the AC outlet and switch on the power.

4. RECEIVING CHANNEL SETTING
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. USER SETTING
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE SETTING
Verify what to set in the SERVICE MODE, and set whatever is necessary. Refer to the INITIAL SETTING VALUE OF SERVICE MODE.

3.3.2 SERVICE ADJUSTMENT ITEM

SERVICE MODE MAIN MENU

1.PICTURE/SOUND	7.
2.YC SEP	8.IP
3.WHITE BALANCE	9.DSD
4.MEMORY SETUP	0.HDMI
5.RF AFC	
6.	

Setting items	Settings	Item No.
1. PICTURE/SOUND (Video / Audio setting)		
Audio circuits (A)	Adjust	A01 to A27
Video circuits (S)	Adjust	S01 to S99
Deflection circuits (D)	Adjust	D01 to D32
Factory setting items (F)	Fixed	F01 to F70
2. YC SEP (3D YC separation setting) **[Do not adjust]**		
	Fixed	YCM001 to YCM185
	Fixed	YCS001 to YCS018
3.WHITE BALANCE (White balance adjustment)		
	Adjust	BR DRV R DRV B CUT R CUT G CUT B
4.MEMORY SETUP (Memory data edit) **[Do not adjust]**		
5.RF AFC (AFC setting) **[Do not adjust]**		
	Fixed	---
8.IP (DIST processing setting) **[Do not adjust]**		
	Fixed	IPA001 to IPA042
9.DSD (Digital super detail setting) **[Do not adjust]**		
	Fixed	DSA001 to DSA053
	Fixed	DSB001 to DSB053
	Fixed	DSC001 to DSC044
	Fixed	DSD001 to DSD017
0.HDMI (Digital input processing setting) **[Do not adjust]**		
	Fixed	HDM001 to HDM080
	Fixed	RHD001 to RHD170

3.3.3 SETTINGS OF FACTORY SHIPMENT

3.3.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	CABLE-02
VOLUME	10

3.3.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item		Setting position
INPUT		TV
CHANNEL		CABLE-02
VOLUME (Normal)		10
VOLUME (Center CH in mode)		10 [AV-32S575/AV-32S585]
MUTING		OFF
DISPLAY		OFF
ASPECT		4:3
OFF TIMER		OFF
THEATER PRO		OFF
VIDEO STATUS		DYNAMIC
CLOSED CAPTION		OFF
SOUND	A.H.S	OFF [AV-32S575/AV-32S585]
	HYPER SORROUND	OFF [AV-32S565]
	BBE	ON [AV-32S575/AV-32S585]
	SMART SOUND	OFF [AV-32S575/AV-32S585]
PIP	SELECT (SAUCE)	VIDEO 1
	TWIN (POSITION)	Left bottom

3.3.3.3 REMOTE CONTROL MENU OPERATION

1. SOUND ADJUST

Setting item	Setting position
BASS	00
TREBLE	00
BALANCE	00
MTS	STEREO

2. CLOCK / TIMERS

Setting item	Setting position
SET CLOCK	OFF
ON / OFF TIMER	OFF

3. INITIAL SETUP

Setting item	Setting position
DIGITAL-IN	SIZE 1 [AV-32S575/AV-32S585]
DIGITAL-AUDIO	DIGITAL [AV-32S575/AV-32S585]
CENTER CH INPUT	OFF [AV-32S575/AV-32S585]
AUDIO OUT	FIX [AV-32S575/AV-32S585]
TV SPEAKER	ON
NOISE MUTING	ON
FRONT PANEL LOCK	OFF
V1 SMART INPUT	OFF [AV-32S575/AV-32S585]
VIDEO INPUT LABEL	All blank [AV-32S575/AV-32S585]
LANGUAGE	ENG.
CLOSED CAPTION	OFF (CC1,T1)
AUTO SHUT OFF	OFF
TILT CORRECTION	Center
V-CHIP	OFF
XDS ID	ON [AV-32S575/AV-32S585]
AUTO DEMO	OFF

4. PICTURE ADJUST

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

< NTSC MODE >

Setting item	PICTURE	BRIGHT	COLOR	TINT	DETAIL	COLOR TEMPERATURE	DIG. NOISE CLEAR	VSM
STANDARD	00	00	00	00	00	LOW	OFF	ON
DINAMIC	+30	00	00	00	+03	HIGH	OFF	ON
THEATER	-10	00	00	00	00	HIGH	OFF	ON
GAME	00	00	00	00	0	HIGH	OFF	ON

< HD MODE >

Setting item	PICTURE	BRIGHT	COLOR	TINT	DETAIL	COLOR TEMPERATURE	DIG. NOISE CLEAR	VSM
STANDARD	00	00	00	00	00	LOW	OFF	ON
DINAMIC	+30	00	00	00	00	HIGH	OFF	ON
THEATER	-10	00	00	00	00	LOW	OFF	ON
GAME	00	00	00	00	00	HIGH	OFF	ON

3.4 REPLACEMENT OF CHIP COMPONENT

3.4.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.4.2 SOLDERING IRON

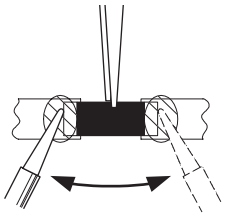
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.4.3 REPLACEMENT STEPS

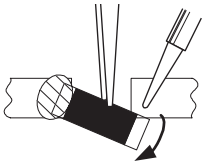
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



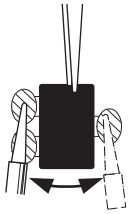
(2) Shift with the tweezers and remove the chip part.



[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.

(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



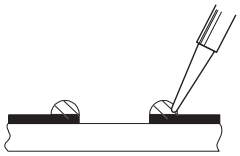
NOTE :

After removing the part, remove remaining solder from the pattern.

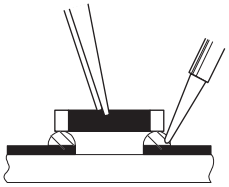
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

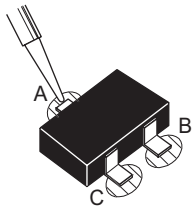


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

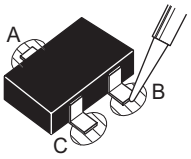


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Item	Preset value
VIDEO STATUS	STANDARD
TINT, COLOR, PICTURE, BRIGHT, DETAIL	Center (00)
COLOR TEMPERATURE	LOW
DIG. NOISE CLEAR	OFF
NATURAL CINEMA	AUTO
BASS, TREBLE, BALANCE	Center (00)
A.H.S [AV-32S575/AV-32S585]	OFF
HYPER SORROUND [AV-32S565]	OFF
BBE	ON
AUDIO OUT [AV-32S575/AV-32S585]	FIX
ASPECT	4 : 3

4.3 MEASURING INSTRUMENT AND FIXTURES

- DC voltmeter (or digital voltmeter)
- Oscilloscope
- Frequency counter
- Signal generator (Pattern generator)
  [NTSC (480i) / 480p / 720p / 1080i / DIGITAL]
- TV audio multiplex signal generator
- Remote control unit

4.4 ADJUSTMENT ITEMS

■ CHECK ITEM
- B1 VOLTAGE check
- HIGH VOLTAGE HOLD DOWN CIRCUIT check

■ FOCUS
- FOCUS adjustment

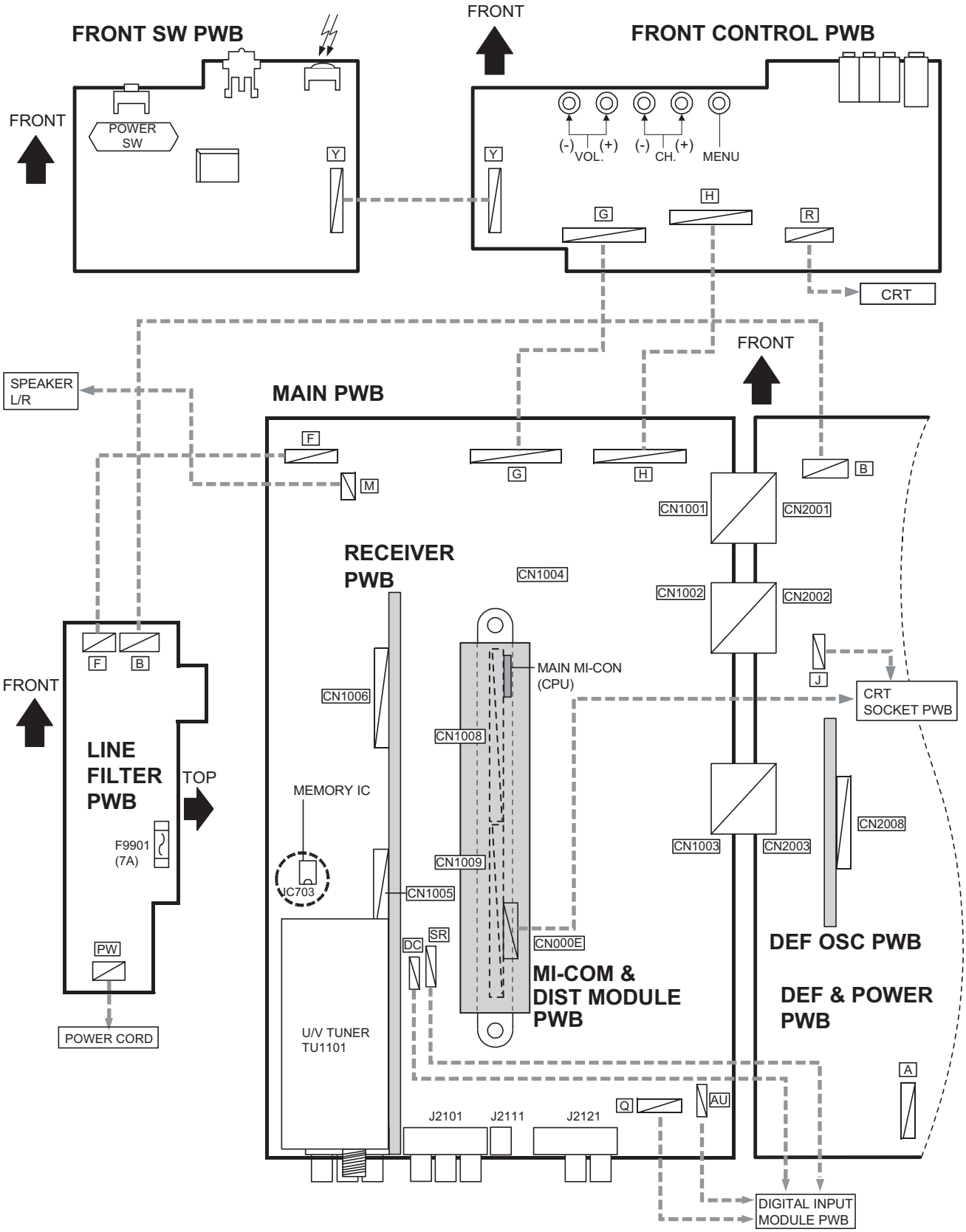
■ HORIZONTAL FREQUENCY
- H. FREQUENCY adjustment

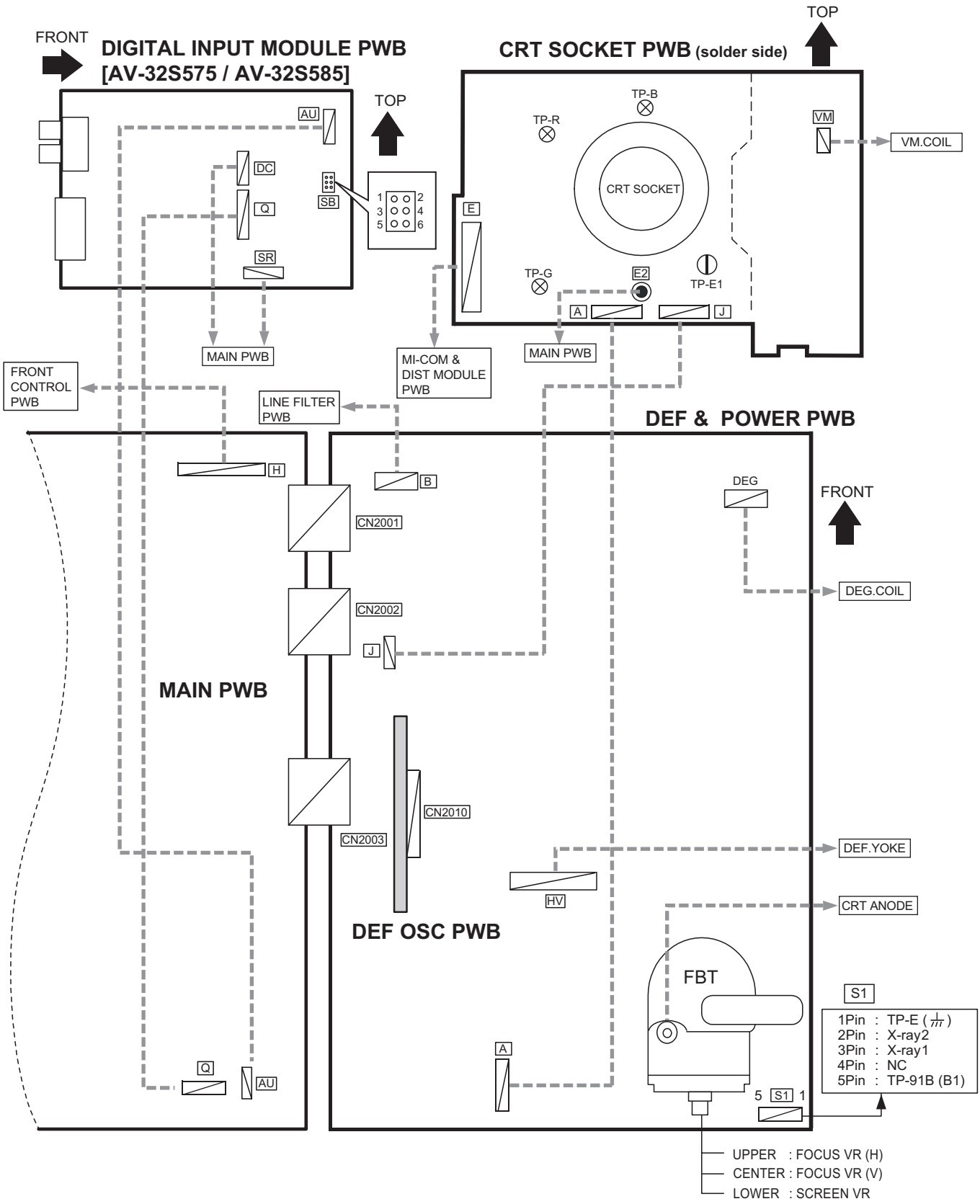
■ DEFLECTION CIRCUIT
- V. POSITION / V. SIZE / V. LINEARITY adjustment
- H. POSITION / H. SIZE / SIDE PIN / TRAPEZIUM adjustment

■ VIDEO CIRCUIT
- WHITE BALANCE(High Light & Low Light) adjustment
- SUB BRIGHT adjustment
- SUB CONTRAST adjustment
- SUB COLOR / SUB TINT / B-Y GAIN (1) adjustment
- SUB COLOR / SUB TINT / B-Y GAIN (2) adjustment

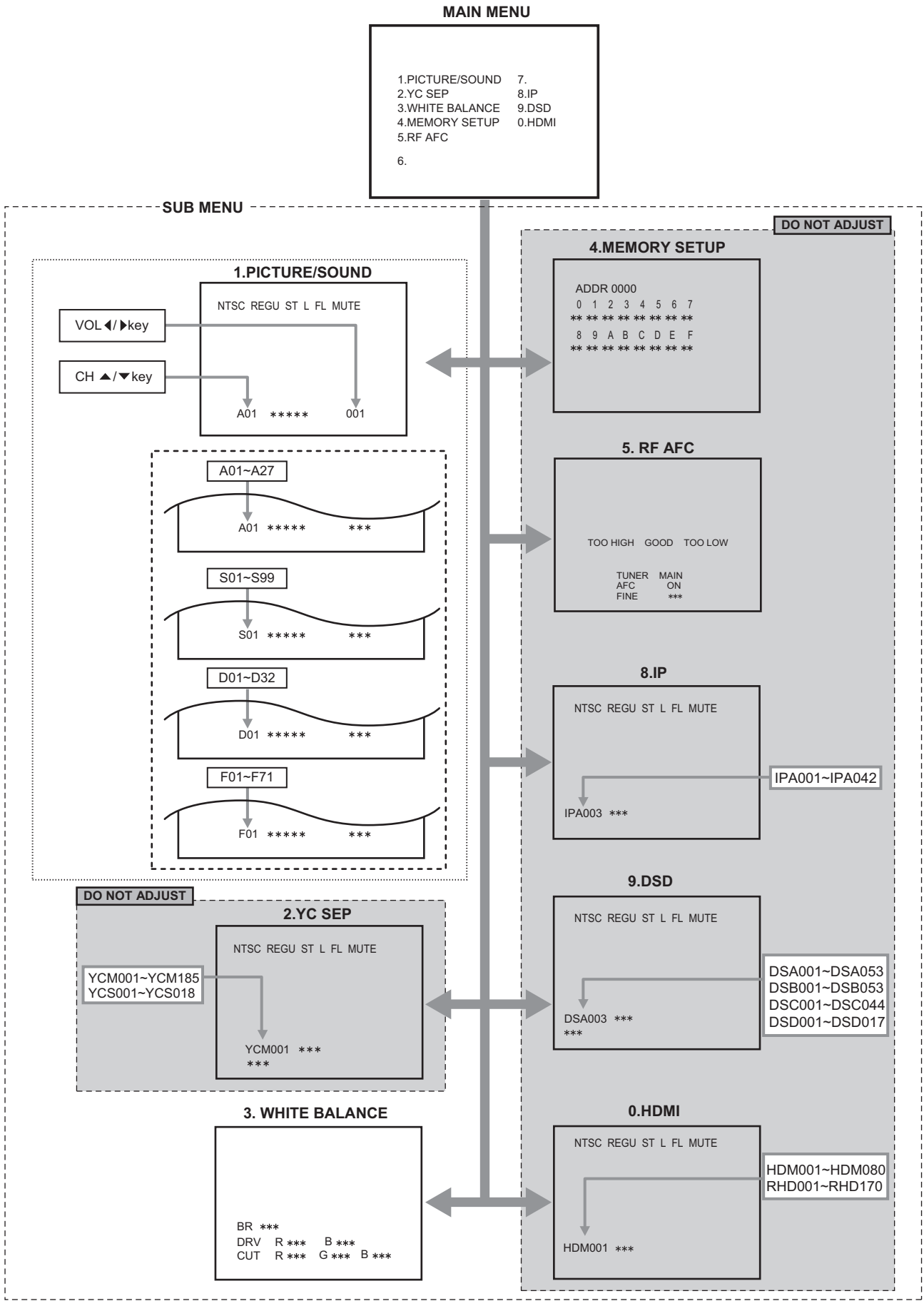
■ MTS CIRCUIT
- MTS INPUT LEVEL adjustment
- MTS SEPARATION adjustment

4.5 ADJUSTMENT LOCATIONS / WIRING




FRONT
DIGITAL INPUT MODULE PWB
[AV-32S575 / AV-32S585]
TOP
CRT SOCKET PWB (solder side)
TOP
AU
DC
Q
SB
SR
1 2
3 4
5 6
TP-B
TP-R
CRT SOCKET
VM
VM.COIL
E
TP-G
E2
TP-E1
A
J
MAIN PWB
MI-COM & DIST MODULE PWB
MAIN PWB
FRONT CONTROL PWB
LINE FILTER PWB
DEF & POWER PWB
H
B
DEG
FRONT
CN2001
CN2002
J
DEG.COIL
MAIN PWB
CN2003
CN2010
DEF.YOKE
HV
CRT ANODE
DEF OSC PWB
FBT
S1
1Pin : TP-E ( )
2Pin : X-ray2
3Pin : X-ray1
4Pin : NC
5Pin : TP-91B (B1)
Q
AU
A
5 S1 1
UPPER : FOCUS VR (H)
CENTER : FOCUS VR (V)
LOWER : SCREEN VR

4.6 BASIC OPERATION OF SERVICE MODE



4.6.1 TOOL OF SERVICE MODE OPERATION

Operate the SERVICE MODE with the REMOTE CONTROL UNIT.

4.6.2 SERVICE MODE ITEMS

In general, basic setting (adjustments) items or verifications are performed in the SERVICE MODE.

1.PICTURE/SOUND	This sets the setting values of the Video / Audio / Defrection circuits.
2.YC SEP	This is used when the YC separation circuit is adjusted. **[Do not adjust]**
3.WHITE BALANCE	This sets the setting values of the WHITE BALANCE.
4.MEMORY SETUP	This sets the setting values of the MEMORY ADDRESS. **[Do not adjust]**
5.RF AFC	This is used when the IF VCO is adjusted. **[Do not adjust]**
8.IP	This sets the setting value of the DIST circuit. **[Do not adjust]**
9.DSD	This sets the setting value of the DSD (Digital super detail) circuit. **[Do not adjust]**
0.HDMI	This sets the setting value of the Digital input circuit. **[Do not adjust]**.

4.6.3 HOW TO ENTER THE SERVICE MODE

(1) Set the SLLEP TIMER to 0 minutes using the [SLEEP TIMER] key.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MODE mode.
(3) When the main menu is displayed, press any key of the [0] to [9] key to enter the corresponding sub menu mode.

NOTE:

Before entering the SERVICE MODE, confirm that the setting of TV / CATV switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR / DVD switch is at the "VCR" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.

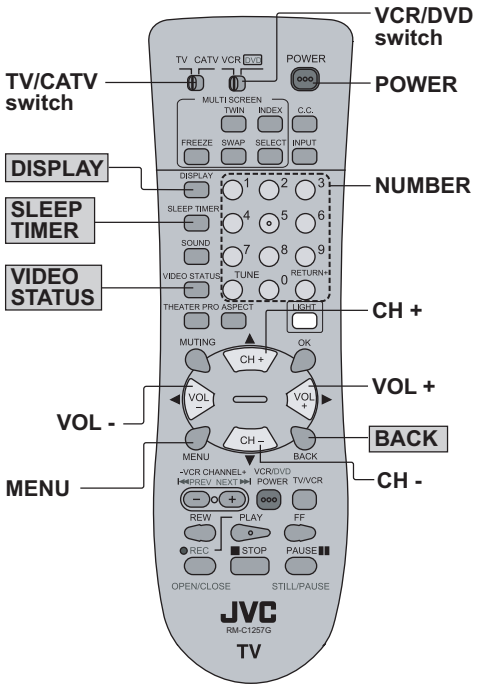
4.6.4 HOW TO STORE OF SETTING VALUE

When adjustment is completed, press the [MUTING] key to memorize the adjustment value. If not to do it, adjustment data is not memorized to the memory IC. And if exit the adjustment mode before memorize the data, the adjustment value which you change is canceled.

4.6.5 HOW TO EXIT THE SERVICE MODE

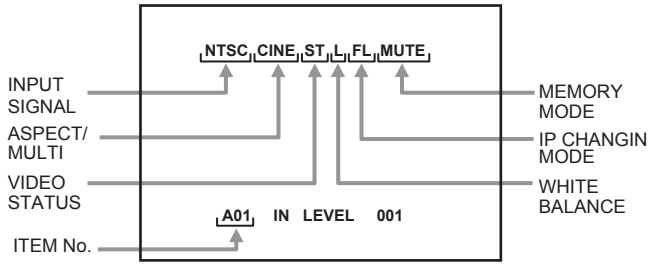
Press the [BACK] key to exit the SERVICE MODE.

SERVICE MODE SELECT KEY



4.6.6 DESCRIPTION OF STATUS DISPLAY

The status display on the upper part of the SERVICE MODE screen is common (to all models).



(1) INPUT SIGNAL

NTSC	: Composite, S-video (Y / C), RF, No signal.
DVD	: 480i (component)
ED	: 480p
HD	: 1080i
750p	: 720p
HDVD	: DIGITAL 480i
HED1	: DIGITAL 480p SIZE1
HED2	: DIGITAL 480p SIZE2
HHD	: DIGITAL 1080i
H750	: DIGITAL 720p

(2) ASPECT / MULTI

SINGLE SCREEN

REGU	: 4 : 3 screen mode
FULL	: 16 : 9 screen mode
PANO	: V STRETCH screen mode

MULTI SCREEN

M12	: Index screen mode

(3) VIDEO STATUS

ST	: STANDARD
DA	: DYNAMIC
TH	: THEATER
GA	: GAME

(4) WHITE BALANCE

H	: HIGH
L	: LOW

(5) IP CHANGING MODE

FL	: FRAME
LI	: LINE
23	: COMPULSORY NATURAL CINEMA IN

(6) MEMORY MODE

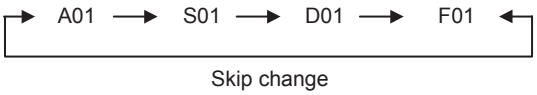
MUTE	: Press [MUTING] key
DIR	: Store the data to the memory at the same time.

4.6.7 SERVICE MODE SETTING

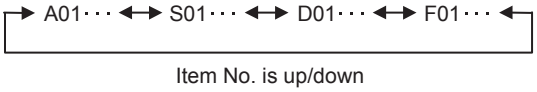
1. PICTURE / SOUND

Audio, video and defrection circuit adjustment.

- Press [SLEEP TIMER] key
  For skip the adjustment item.



- Press [CH+] / [CH-] key
  For scrolling up/down the adjustment item.

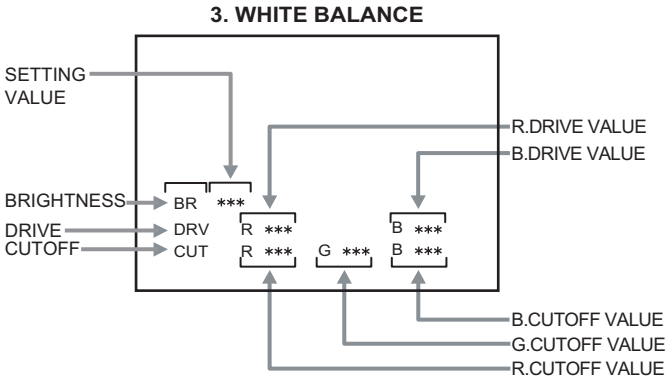


- Press [VOL+] / [VOL-] key
  For scrolling up/down the data values.

- Press [MUTING] key
  For memorize the data values.

3. WHITE BALANCE

White balance data adjustment.



DRIVE

[2] key	: DRIVE R is up
[5] key	: DRIVE R is down
[3] key	: DRIVE B is up
[6] key	: DRIVE R is down

CUTOFF

[7] key	: CUTOFF G is up
[TUNE] key	: CUTOFF G is down
[8] key	: CUTOFF R is up
[0] key	: CUTOFF R is down
[9] key	: CUTOFF B is up
[RETURN+] key	: CUTOFF B is down

4.7 INITIAL SETTING VALUE OF SERVICE MODE

(1) Adjustment of the SERVICE MODE is made on the basis of the initial setting values. however, the new setting values which displays on the screen in its optimum condition may differ from the initial setting value.
(2) Do not change the initial setting values of the items not listed in "ADJUSTMENT PROCEDURE".
(3) "---" is impossible to adjust.

4.7.1 [1.PICTURE/SOUND]

Item No.	Item	Variable range	Setting value
A01	IN LEVEL	000 to 015	008
A02	LOW SEP	000 to 063	035
A03	HI SEP	000 to 015	020
A04	BBE BASS	-128 to +127	+006
A05	BBE TRE	-128 to +127	+006
A06	SURROUND	000 to 001	000
A07	BASS OFS	-128 to +127	000
A08	TRE OFS	-128 to +127	+006 [AV-32S565] -002 [AV-32S575] -002 [AV-32S585]
A09	AHS MVE	-128 to +127	000
A10	AHS MSC	-128 to +127	000
A11	**(Not display)**	000 to 001	000
A12	**(Not display)**	000 to 001	000
A13	**(Not display)**	000 to 001	000
A14	**(Not display)**	000 to 001	000
A15	**(Not display)**	000 to 001	000
A16	**(Not display)**	000 to 001	000
A17	**(Not display)**	000 to 001	000
A18	**(Not display)**	000 to 001	000
A19	**(Not display)**	000 to 001	000
A20	**(Not display)**	000 to 001	000
A21	**(Not display)**	000 to 001	000
A22	**(Not display)**	000 to 001	000
A23	**(Not display)**	000 to 001	000
A24	**(Not display)**	000 to 001	000
A25	**(Not display)**	000 to 001	000
A26	**(Not display)**	000 to 001	000
A27	**(Not display)**	000 to 001	000

Item No.	Item	Variable range	Setting value	
			4:3	16:9
D01	V.SIZE	000 to 127	088	048
D02	EW	000 to 063	015	014
D03	H.SIZE	000 to 063	056	051
D04	V.SCORE	000 to 063	028	027
D05	V.LINE	000 to 063	035	036
D06	V.CENT	000 to 063	030	030
D07	EW.TRAP	000 to 063	030	029
D08	BOT.CORN	000 to 015	010	009
D09	TOP.CORN	000 to 015	009	009
D10	V EHT	000 to 007	003	003
D11	H EHT	000 to 007	002	001
D12	**(Not display)**	000 to 007	005	005
D13	**(Not display)**	000 to 015	000	000
D14	H.CENTER	000 to 255	152	152
D15	H.FREQ	000 to 255	194	194
D16	**(Not display)**	000 to 127	070	070
D17	**(Not display)**	000 to 003	000	000
D18	**(Not display)**	000 to 001	000	000
D19	**(Not display)**	000 to 001	000	000
D20	**(Not display)**	000 to 001	000	000
D21	**(Not display)**	000 to 001	000	000
D22	**(Not display)**	000 to 001	000	000
D23	**(Not display)**	000 to 001	000	000
D24	**(Not display)**	000 to 001	000	000
D25	**(Not display)**	000 to 001	000	000
D26	**(Not display)**	000 to 001	000	000
D27	**(Not display)**	000 to 001	000	000
D28	**(Not display)**	000 to 001	000	000
D29	**(Not display)**	000 to 001	000	000
D30	**(Not display)**	000 to 001	000	000
D31	**(Not display)**	000 to 001	000	000
D32	**(Not display)**	000 to 001	000	000

Item No.	Item	Variable range	Setting value							
			NTSC		480i		480p		720p / 1080i	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S01	COLOR	000 to 255	074	084	079	081	083	082	069	073
S02	TINT	000 to 255	071	070	067	068	065	070	077	065

Item No.	Item	Variable range	Setting value							
			NTSC				480i / 480p			
			4 : 3		16 : 9		4 : 3		16 : 9	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S03	BRIGHT	000 to 255	126	124	---	---	125	125	---	---
S04	CONTRAST	000 to 127	086	041	---	---	084	042	---	---

Item No.	Item	Variable range	Setting value			
			720p/ 1080i			
			4 : 3		16 : 9	
			STANDARD	THEATER	STANDARD	THEATER
S03	BRIGHT	000 to 255	---	---	123	124
S04	CONTRAST	000 to 127	---	---	079	042

Item No.	Item	Variable range	Setting value							
			NTSC		480i		480p		720p / 1080i	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S05	O MTX SW	000 to 003	000	000	000	000	000	000	000	000
S06	INPUT SW	000 to 003	001	001	001	001	001	001	000	000
S07	B-Y	000 to 063	016	019	014	020	011	016	012	020
S08	R-Y	000 to 015	007	000	007	002	007	002	007	003
S09	G-YMATRI	000 to 003	002	003	001	003	001	003	002	002

Item No.	Item	Variable range	Setting value							
			NTSC				480i			
			STANDARD		THEATER		STANDARD		THEATER	
			HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
S10	DRIVE R	000 to 255	---	149	---	---	---	146	---	---
S11	**(Not display)**	-128 to 127	+006	---	+011	+018	+011	---	+010	+016
S12	DRIVE B	000 to 255	---	144	---	---	---	156	---	---
S13	**(Not display)**	-128 to 127	+005	---	-011	-24	+011	---	-017	-032

Item No.	Item	Variable range	Setting value							
			480p				720p / 1080i			
			STANDARD		THEATER		STANDARD		THEATER	
			HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
S10	DRIVE R	000 to 255	—	—	—	—	—	146	—	—
S11	**(Not display)**	-128 to +127	-004	+001	+011	+014	+006	—	+012	+016
S12	DRIVE B	000 to 255	—	—	—	—	—	146	—	—
S13	**(Not display)**	-128 to +127	-003	-009	-021	–034	+007	—	-014	-031

Item No.	Item	Variable range	Setting value					
			NTSC		480i / 480p		720p / 1080i	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S14	CUTOFF R	000 to 255	227	---	227	---	227	---
S15	**(Not display)**	-128 to +127	---	-004	---	-006	---	-007
S16	CUTOFF G	000 to 255	227	---	227	---	227	---
S17	**(Not display)**	-128 to +127	---	-003	---	+001	---	-004
S18	CUTOFF B	000 to 255	227	---	227	---	227	---
S19	**(Not display)**	-128 to +127	---	+007	---	+001	---	+007
S20	CUTOFSWR	000 to 003	001	---	001	---	001	---
S21	CUTOFSWG	000 to 003	001	---	001	---	001	---
S22	CUTOFSWB	000 to 003	001	---	001	---	001	---

Item No.	Item	Variable range	Setting value					
			NTSC		480i		OTHERS	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S23	DC CTL	000 to 255	255	000	000	000	000	000

Item No.	Item	Variable range	Setting value
S24	RGBLIMIT	000 to 015	000

Item No.	Item	Variable range	Setting value		
			NTSC	480i	OTHERS
S25	BL STRT	000 to 015	015	013	014
S26	BL GAIN	000 to 015	004	002	004
S27	YGM LVL	000 to 015	003	007	008
S28	YGM GAIN	000 to 015	015	015	015
S29	YWD STRT	000 to 015	000	001	001
S30	YWD GAIN	000 to 015	005	004	005

Item No.	Item	Variable range	Setting value							
			NTSC		480i		480p		720p / 1080i	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S31	COL OFST	000 to 255	---	---	---	---	---	---	---	---
S32	TNT OFST	000 to 255	---	---	---	---	---	---	---	---

Item No.	Item	Variable range	Setting value							
			NTSC				480i / 480p			
			4 : 3		16 : 9		4 : 3		16 : 9	
			STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER	STANDARD	THEATER
S33	BRT OFST	-128 to +127	---	---	000	000	---	---	000	000
S34	CNT OFST	-128 to +127	---	---	-008	-004	---	---	-008	-004

Item No.	Item	Variable range	Setting value			
			720p / 1080i			
			4 : 3 (HD ZOOM)		16 : 9	
			STANDARD	THEATER	STANDARD	THEATER
S33	BRT OFST	-128 to +127	000	000	---	---
S34	CNT OFST	-128 to +127	+008	+004	---	---

Item No.	Item	Variable range	Setting value	
			STANDARD	THEATER
S35	DCTRN SW	000 to 001	000	001
S36	BL OFF	000 to 001	000	001
S37	YGM OFF	000 to 001	000	001
S38	ABL OFF	000 to 001	000	000
S39	ACL OFF	000 to 001	000	000

Item No.	Item	Variable range	Seeting value
S40	BLCNT LK	000 to 001	000
S41	YGCNT LK	000 to 001	000
S42	DCTRN PL	000 to 001	000
S43	ABL GAIN	000 to 015	015
S44	ABL STRT	000 to 015	015
S45	ACL GAIN	000 to 015	015
S46	ACL STRT	000 to 015	000

Item No.	Item	Variable range	Setting value			
			STANDARD	DYNAMIC	THEATER	GAME
S47	ACL EERG	000 to 255	255	255	255	255

Item No.	Setting item	Variable range	Setting value
S48	CHRM GM	000 to 255	255
S49	OSDR DC	000 to 127	064
S50	OSDB DC	000 to 127	064
S51	BLK OFF	000 to 001	000

Item No.	Item	Variable range	Setting value	
			STANDARD	THEATER
S52	CNT UNDR	-128 to +127	-041	-027
S53	CNT UPPR	-128 to +127	+015	+015
S54	BRT UNDR	-128 to +127	-017	-017

Item No.	Setting item	Variable range	Setting value
S55	EETH BRT	-128 to +127	000
S56	EETH CNT	-128 to +127	000
S57	BREE CNT	000 to 031	008
S58	DKEE CNT	000 to 031	015
S59	DREE BRT	000 to 127	004
S60	BREE ACL	000 to 255	093
S61	DKEE ACL	000 to 255	108
S62	VMOFF DE	-128 to +127	+002
S63	VM LOW	-128 to +127	-020
S64	VM MID	-128 to +127	-010
S65	VM HIGH	-128 to +127	+010
S66	VM L-	-128 to +127	-022
S67	VM LH	-128 to +127	-019
S68	VM MH	-128 to +127	-016
S69	VM M+	-128 to +127	000
S70	**(Not display)**	000 to 001	000
S71	**(Not display)**	000 to 001	000
S72	**(Not display)**	000 to 001	000
S73	**(Not display)**	000 to 001	000
S74	**(Not display)**	000 to 001	000
S75	**(Not display)**	000 to 001	000
S76	**(Not display)**	000 to 001	000
S77	**(Not display)**	000 to 001	000
S78	**(Not display)**	000 to 001	000
S79	**(Not display)**	000 to 001	000
S80	**(Not display)**	000 to 001	000
S81	**(Not display)**	000 to 001	000
S82	**(Not display)**	000 to 001	000
S83	**(Not display)**	000 to 001	000
S84	**(Not display)**	000 to 001	000
S85	**(Not display)**	000 to 001	000
S86	**(Not display)**	000 to 001	000
S87	**(Not display)**	000 to 001	000
S88	**(Not display)**	000 to 001	000
S89	**(Not display)**	000 to 001	000
S90	**(Not display)**	000 to 001	000
S91	**(Not display)**	000 to 001	000
S92	**(Not display)**	000 to 001	000
S93	**(Not display)**	000 to 001	000
S94	**(Not display)**	000 to 001	000
S95	**(Not display)**	000 to 001	000
S96	**(Not display)**	000 to 001	000
S97	**(Not display)**	000 to 001	000
S98	**(Not display)**	000 to 001	000
S99	**(Not display)**	000 to 001	000

Item No.	Setting item	Variable range	Setting value
F01	E 1	000 to 255	---
F02	E 2	000 to 255	---
F03	**(Not display)**	000 to 255	127
F04	CATVMAX	000 to 001	001
F05	**(Not display)**	000 to 255	048 [AV-32S565] 242 [AV-32S575] 202 [AV-32S585]
F06	**(Not display)**	000 to 255	010 [AV-32S565] 122 [AV-32S575] 122 [AV-32S585]
F07	**(Not display)**	000 to 255	003 [AV-32S565] 015 [AV-32S575] 015 [AV-32S585]
F08	**(Not display)**	000 to 255	000
F09	AUTOSCR 1	000 to 015	000
F10	AUTOSCR 2	000 to 015	000
F11	AUTOSCR 3	000 to 015	000
F12	AUTOSCR 4	000 to 015	000
F13	AUTOSCR 5	000 to 015	000
F14	AUTOSCR 6	000 to 015	000
F15	AUTOSCR 7	000 to 015	000
F16	**(Not display)**	000 to 127	070
F17	**(Not display)**	000 to 001	000
F18	FIX DATA	000 to 001	000
F19	**(Not display)**	000 to 001	000
F20	**(Not display)**	000 to 255	005
F21	**(Not display)**	000 to 255	002
F22	**(Not display)**	000 to 001	000
F23	**(Not display)**	000 to 255	000
F24	**(Not display)**	000 to 255	141
F25	**(Not display)**	000 to 255	006
F26	**(Not display)**	000 to 255	040
F27	**(Not display)**	000 to 255	040
F28	**(Not display)**	000 to 001	000
F29	**(Not display)**	000 to 001	000
F30	**(Not display)**	000 to 001	000
F31	**(Not display)**	000 to 001	000
F32	ATT V	000 to 001	000
F33	ATT U	000 to 001	000
F34	ATT C	000 to 001	000
F35	**(Not display)**	000 to 001	000
F36	**(Not display)**	000 to 001	000
F37	**(Not display)**	000 to 001	000
F38	DC1	000 to 001	000
F39	DC4	000 to 001	000
F40	DC5	000 to 001	000
F41	SS LV	000 to 003	000

Item No.	Setting item	Variable range	Setting value
F42	SS CP	000 to 001	000
F43	SS HDP	000 to 063	039
F44	**(Not display)**	000 to 001	000
F45	**(Not display)**	000 to 001	000
F46	**(Not display)**	000 to 001	000
F47	**(Not display)**	000 to 001	000
F48	**(Not display)**	000 to 001	000
F49	**(Not display)**	000 to 001	001
F50	**(Not display)**	000 to 001	001
F51	**(Not display)**	000 to 015	011
F52	**(Not display)**	000 to 063	040
F53	**(Not display)**	-128 to +127	000
F54	**(Not display)**	000 to 255	030
F55	**(Not display)**	000 to 255	000
F56	**(Not display)**	000 to 255	188
F57	**(Not display)**	000 to 255	105
F58	**(Not display)**	000 to 255	077
F59	**(Not display)**	000 to 001	001
F60	**(Not display)**	000 to 001	127
F61	**(Not display)**	000 to 001	000 [AV-32S565] 001 [AV-32S575] 001 [AV-32S585]
F62	**(Not display)**	000 to 001	000
F63	**(Not display)**	-128 to +127	+001
F64	**(Not display)**	-128 to +127	-001
F65	**(Not display)**	-128 to +127	+010
F66	**(Not display)**	000 to 007	000
F67	**(Not display)**	000 to 003	002
F68	**(Not display)**	000 to 255	126
F69	**(Not display)**	000 to 001	000 [AV-32S565] 001 [AV-32S575] 001 [AV-32S585]
F70	**(Not display)**	000 to 001	000

4.7.2 [2.YC SEP] (*All the values are fixed values)

NOTE :

Initial setting value is reference value at following condition.

INPUT SIGNAL : NTSC
ASPECT : 4 : 3
MULTI-SCREEN : SINGLE
VIDEO STATUS : STANDARD
COLOR TEMPERATURE : LOW

Item No.	Item name	Variable range	Setting value
YCM001	**(Not display)**	000 to 001	000
YCM002	**(Not display)**	000 to 001	000
YCM003	**(Not display)**	000 to 001	000
YCM004	**(Not display)**	000 to 003	001
YCM005	**(Not display)**	000 to 255	239
YCM006	**(Not display)**	000 to 003	001
YCM007	**(Not display)**	000 to 255	239
YCM008	**(Not display)**	000 to 001	000
YCM009	**(Not display)**	000 to 003	000
YCM010	**(Not display)**	000 to 001	000
YCM011	**(Not display)**	000 to 001	000
YCM012	**(Not display)**	000 to 001	000
YCM013	**(Not display)**	000 to 001	000
YCM014	**(Not display)**	000 to 003	000
YCM015	**(Not display)**	000 to 001	000
YCM016	**(Not display)**	000 to 003	001
YCM017	**(Not display)**	000 to 001	001
YCM018	**(Not display)**	000 to 003	000
YCM019	**(Not display)**	000 to 001	000
YCM020	**(Not display)**	000 to 001	000
YCM021	**(Not display)**	000 to 003	002
YCM022	**(Not display)**	000 to 007	004
YCM023	**(Not display)**	000 to 001	001
YCM024	**(Not display)**	000 to 001	000
YCM025	**(Not display)**	000 to 007	005
YCM026	**(Not display)**	000 to 015	003
YCM027	**(Not display)**	000 to 003	000
YCM028	**(Not display)**	000 to 007	003
YCM029	**(Not display)**	000 to 007	002
YCM030	**(Not display)**	000 to 003	001
YCM031	**(Not display)**	000 to 001	000
YCM032	**(Not display)**	000 to 003	003
YCM033	**(Not display)**	000 to 001	001
YCM034	**(Not display)**	000 to 001	000
YCM035	**(Not display)**	000 to 255	096
YCM036	**(Not display)**	000 to 001	001
YCM037	**(Not display)**	000 to 003	001
YCM038	**(Not display)**	000 to 127	062
YCM039	**(Not display)**	000 to 127	073

Item No.	Item name	Variable range	Setting value
YCM040	**(Not display)**	000 to 003	002
YCM041	**(Not display)**	000 to 063	016
YCM042	**(Not display)**	000 to 001	000
YCM043	**(Not display)**	000 to 001	000
YCM044	**(Not display)**	000 to 255	241
YCM045	**(Not display)**	000 to 001	000
YCM046	**(Not display)**	000 to 255	165
YCM047	**(Not display)**	000 to 001	001
YCM048	**(Not display)**	000 to 001	001
YCM049	**(Not display)**	000 to 001	001
YCM050	**(Not display)**	000 to 001	001
YCM051	**(Not display)**	000 to 001	001
YCM052	**(Not display)**	000 to 001	000
YCM053	**(Not display)**	000 to 001	001
YCM054	**(Not display)**	000 to 003	003
YCM055	**(Not display)**	000 to 003	003
YCM056	**(Not display)**	000 to 003	000
YCM057	**(Not display)**	000 to 001	000
YCM058	**(Not display)**	000 to 001	001
YCM059	**(Not display)**	000 to 001	001
YCM060	**(Not display)**	000 to 001	000
YCM061	**(Not display)**	000 to 001	001
YCM062	**(Not display)**	000 to 015	001
YCM063	**(Not display)**	000 to 015	004
YCM064	**(Not display)**	000 to 001	000
YCM065	**(Not display)**	000 to 063	060
YCM066	**(Not display)**	000 to 063	040
YCM067	**(Not display)**	000 to 063	025
YCM068	**(Not display)**	000 to 063	012
YCM069	**(Not display)**	000 to 063	036
YCM070	**(Not display)**	000 to 063	031
YCM071	**(Not display)**	000 to 127	031
YCM072	**(Not display)**	000 to 001	001
YCM073	**(Not display)**	000 to 001	001
YCM074	**(Not display)**	000 to 063	024
YCM075	**(Not display)**	000 to 001	000
YCM076	**(Not display)**	000 to 001	001
YCM077	**(Not display)**	000 to 063	010
YCM078	**(Not display)**	000 to 063	001
YCM079	**(Not display)**	000 to 255	000
YCM080	**(Not display)**	000 to 255	000
YCM081	**(Not display)**	000 to 255	000
YCM082	**(Not display)**	000 to 255	000
YCM083	**(Not display)**	000 to 001	001
YCM084	**(Not display)**	000 to 063	012

Item No.	Item name	Variable range	Setting value
YCM085	**(Not display)**	000 to 001	000
YCM086	**(Not display)**	000 to 001	000
YCM087	**(Not display)**	000 to 063	028
YCM088	**(Not display)**	000 to 001	001
YCM089	**(Not display)**	000 to 031	000
YCM090	**(Not display)**	000 to 003	000
YCM091	**(Not display)**	000 to 015	000
YCM092	**(Not display)**	000 to 015	000
YCM093	**(Not display)**	000 to 015	002
YCM094	**(Not display)**	000 to 063	000
YCM095	**(Not display)**	000 to 255	035
YCM096	**(Not display)**	000 to 001	001
YCM097	**(Not display)**	000 to 063	063
YCM098	**(Not display)**	000 to 015	008
YCM099	**(Not display)**	000 to 015	005
YCM100	**(Not display)**	000 to 015	008
YCM101	**(Not display)**	000 to 015	005
YCM102	**(Not display)**	000 to 015	000
YCM103	**(Not display)**	000 to 015	002
YCM104	**(Not display)**	000 to 015	008
YCM105	**(Not display)**	000 to 015	006
YCM106	**(Not display)**	000 to 255	010
YCM107	**(Not display)**	000 to 255	032
YCM108	**(Not display)**	000 to 255	031
YCM109	**(Not display)**	000 to 255	064
YCM110	**(Not display)**	000 to 001	000
YCM111	**(Not display)**	000 to 001	001
YCM112	**(Not display)**	000 to 001	001
YCM113	**(Not display)**	000 to 001	001
YCM114	**(Not display)**	000 to 001	000
YCM115	**(Not display)**	000 to 001	001
YCM116	**(Not display)**	000 to 001	000
YCM117	**(Not display)**	000 to 001	000
YCM118	**(Not display)**	000 to 001	001
YCM119	**(Not display)**	000 to 001	000
YCM120	**(Not display)**	000 to 001	000
YCM121	**(Not display)**	000 to 003	003
YCM122	**(Not display)**	000 to 001	000
YCM123	**(Not display)**	000 to 255	026
YCM124	**(Not display)**	000 to 001	000
YCM125	**(Not display)**	000 to 255	025
YCM126	**(Not display)**	000 to 001	000
YCM127	**(Not display)**	000 to 001	001
YCM128	**(Not display)**	000 to 001	001
YCM129	**(Not display)**	000 to 001	001

Item No.	Item name	Variable range	Setting value
YCM130	**(Not display)**	000 to 003	001
YCM131	**(Not display)**	000 to 255	050
YCM132	**(Not display)**	000 to 255	154
YCM133	**(Not display)**	000 to 255	055
YCM134	**(Not display)**	000 to 007	001
YCM135	**(Not display)**	000 to 255	136
YCM136	**(Not display)**	000 to 001	000
YCM137	**(Not display)**	000 to 001	001
YCM138	**(Not display)**	000 to 007	003
YCM139	**(Not display)**	000 to 255	089
YCM140	**(Not display)**	000 to 007	000
YCM141	**(Not display)**	000 to 255	252
YCM142	**(Not display)**	000 to 001	001
YCM143	**(Not display)**	000 to 007	005
YCM144	**(Not display)**	000 to 255	128
YCM145	**(Not display)**	000 to 001	000
YCM146	**(Not display)**	000 to 001	001
YCM147	**(Not display)**	000 to 001	001
YCM148	**(Not display)**	000 to 001	001
YCM149	**(Not display)**	000 to 001	000
YCM150	**(Not display)**	000 to 001	000
YCM151	**(Not display)**	000 to 255	136
YCM152	**(Not display)**	000 to 001	001
YCM153	**(Not display)**	000 to 001	001
YCM154	**(Not display)**	000 to 001	001
YCM155	**(Not display)**	000 to 003	000
YCM156	**(Not display)**	000 to 015	015
YCM157	**(Not display)**	000 to 015	004
YCM158	**(Not display)**	000 to 001	001
YCM159	**(Not display)**	000 to 127	004
YCM160	**(Not display)**	000 to 001	000
YCM161	**(Not display)**	000 to 031	000
YCM162	**(Not display)**	000 to 001	000
YCM163	**(Not display)**	000 to 015	003
YCM164	**(Not display)**	000 to 007	002
YCM165	**(Not display)**	000 to 031	016
YCM166	**(Not display)**	000 to 255	235
YCM167	**(Not display)**	000 to 003	000
YCM168	**(Not display)**	000 to 063	000
YCM169	**(Not display)**	000 to 015	003
YCM170	**(Not display)**	000 to 015	003
YCM171	**(Not display)**	000 to 007	000
YCM172	**(Not display)**	000 to 255	096
YCM173	**(Not display)**	000 to 007	003
YCM174	**(Not display)**	000 to 255	056

Item No.	Item name	Variable range	Setting value
YCM175	**(Not display)**	000 to 001	000
YCM176	**(Not display)**	000 to 001	000
YCM177	**(Not display)**	000 to 255	022
YCM178	**(Not display)**	000 to 001	001
YCM179	**(Not display)**	000 to 001	000
YCM180	**(Not display)**	000 to 007	004
YCM181	**(Not display)**	000 to 063	001
YCM182	**(Not display)**	000 to 003	001
YCM183	**(Not display)**	000 to 003	001
YCM184	**(Not display)**	000 to 003	001
YCM185	**(Not display)**	000 to 255	000

Item No.	Item name	Variable range	Setting value
YCS001	**(Not display)**	000 to 063	031
YCS002	**(Not display)**	000 to 063	018
YCS003	**(Not display)**	000 to 031	004
YCS004	**(Not display)**	000 to 031	014
YCS005	**(Not display)**	000 to 031	014
YCS006	**(Not display)**	000 to 015	007
YCS007	**(Not display)**	000 to 015	007
YCS008	**(Not display)**	000 to 015	004
YCS009	**(Not display)**	000 to 015	008
YCS010	**(Not display)**	000 to 003	001
YCS011	**(Not display)**	000 to 003	001
YCS012	**(Not display)**	000 to 001	000
YCS013	**(Not display)**	000 to 001	000
YCS014	**(Not display)**	000 to 003	000
YCS015	**(Not display)**	000 to 003	000
YCS016	**(Not display)**	000 to 001	000
YCS017	**(Not display)**	000 to 003	001
YCS018	**(Not display)**	000 to 001	000

4.7.3 [3.WHITE BALANCE]

NOTE :

Initial setting value is reference value at following condition.

INPUT SIGNAL : NTSC
ASPECT : 4 : 3
MULTI-SCREEN : SINGLE
VIDEO STATUS : STANDARD
COLOR TEMPERATURE : LOW

Item No.	Item name	Variable range	Setting value
BR	**(Not display)**	000 to 255	127
DRV R	**(Not display)**	000 to 255	149
DRV B	**(Not display)**	000 to 255	144
CUT R	**(Not display)**	000 to 255	031
CUT G	**(Not display)**	000 to 255	031
CUT B	**(Not display)**	000 to 255	031

4.7.4 [8.IP] (*All the values are fixed values)

NOTE :

Initial setting value is reference value at following condition.

INPUT SIGNAL : NTSC
ASPECT : 4 : 3
MULTI-SCREEN : SINGLE
VIDEO STATUS : STANDARD
COLOR TEMPERATURE : LOW

Item No.	Item name	Variable range	Setting value
IPA001	**(Not display)**	000 to 0FF	0D0
IPA002	**(Not display)**	000 to 0FF	000
IPA003	**(Not display)**	000 to 0FF	000
IPA004	**(Not display)**	000 to 0FF	05E
IPA005	**(Not display)**	000 to 01F	001
IPA006	**(Not display)**	000 to 0FF	037
IPA007	**(Not display)**	000 to 00F	000
IPA008	**(Not display)**	000 to 0FF	000
IPA009	**(Not display)**	000 to 00F	000
IPA010	**(Not display)**	000 to 0FF	080
IPA011	**(Not display)**	000 to 00F	002
IPA012	**(Not display)**	000 to 0FF	02B
IPA013	**(Not display)**	000 to 00F	002
IPA014	**(Not display)**	000 to 0FF	000
IPA015	**(Not display)**	000 to 00F	002
IPA016	**(Not display)**	000 to 0FF	080
IPA017	**(Not display)**	000 to 00F	001
IPA018	**(Not display)**	000 to 0FF	000
IPA019	**(Not display)**	000 to 00F	001
IPA020	**(Not display)**	000 to 0FF	080
IPA021	**(Not display)**	000 to 00F	000
IPA022	**(Not display)**	000 to 0FF	016
IPA023	**(Not display)**	000 to 00F	000
IPA024	**(Not display)**	000 to 0FF	017
IPA025	**(Not display)**	000 to 00F	000
IPA026	**(Not display)**	000 to 0FF	019
IPA027	**(Not display)**	000 to 00F	000
IPA028	**(Not display)**	000 to 0FF	01B
IPA029	**(Not display)**	000 to 00F	000
IPA030	**(Not display)**	000 to 0FF	01D
IPA031	**(Not display)**	000 to 00F	000
IPA032	**(Not display)**	000 to 0FF	000
IPA033	**(Not display)**	000 to 00F	000
IPA034	**(Not display)**	000 to 0FF	010
IPA035	**(Not display)**	000 to 00F	000
IPA036	**(Not display)**	000 to 0FF	000
IPA037	**(Not display)**	000 to 00F	00F
IPA038	**(Not display)**	000 to 0FF	010
IPA039	**(Not display)**	000 to 00F	000
IPA040	**(Not display)**	000 to 00F	000
IPA041	**(Not display)**	000 to 0FF	011
IPA042	**(Not display)**	000 to 00F	000

4.7.5 [9.DSD] (*All the values are fixed values)

NOTE :

Initial setting value is reference value at following condition.

INPUT SIGNAL : NTSC
ASPECT : 4 : 3
MULTI-SCREEN : SINGLE
VIDEO STATUS : STANDARD
COLOR TEMPERATURE : LOW

Item No.	Item name	Variable range	Setting value
DSA001	**(Not display)**	000 to 03F	014
DSA002	**(Not display)**	000 to 03F	023
DSA003	**(Not display)**	000 to 03F	026
DSA004	**(Not display)**	000 to 003	000
DSA005	**(Not display)**	000/001	000
DSA006	**(Not display)**	000 to 003	002
DSA007	**(Not display)**	000 to 03F	008
DSA008	**(Not display)**	000/001	001
DSA009	**(Not display)**	000 to 03F	00C
DSA010	**(Not display)**	000/001	001
DSA011	**(Not display)**	000/001	001
DSA012	**(Not display)**	000 to 03F	007
DSA013	**(Not display)**	000 to 03F	012
DSA014	**(Not display)**	000 to 03F	02D
DSA015	**(Not display)**	000 to 003	002
DSA016	**(Not display)**	000/001	001
DSA017	**(Not display)**	000 to 003	000
DSA018	**(Not display)**	000 to 03F	000

Item No.	Item name	Variable range	Setting value
DSA019	**(Not display)**	000/001	001
DSA020	**(Not display)**	000 to 03F	000
DSA021	**(Not display)**	000/001	001
DSA022	**(Not display)**	000 to 03F	01A
DSA023	**(Not display)**	000/001	001
DSA024	**(Not display)**	000 to 03F	016
DSA025	**(Not display)**	000/001	001
DSA026	**(Not display)**	000 to 03F	000
DSA027	**(Not display)**	000/001	001
DSA028	**(Not display)**	000 to 03F	00D
DSA029	**(Not display)**	000/001	001
DSA030	**(Not display)**	000/001	001
DSA031	**(Not display)**	000 to 03F	020
DSA032	**(Not display)**	000/001	000
DSA033	**(Not display)**	000 to 003	000
DSA034	**(Not display)**	000 to 03F	008
DSA035	**(Not display)**	000/001	001
DSA036	**(Not display)**	000/001	001
DSA037	**(Not display)**	000 to 03F	020
DSA038	**(Not display)**	000/001	000
DSA039	**(Not display)**	000 to 003	000
DSA040	**(Not display)**	000 to 03F	008
DSA041	**(Not display)**	000/001	001
DSA042	**(Not display)**	000/001	001
DSA043	**(Not display)**	000/001	001
DSA044	**(Not display)**	000 to 03F	020
DSA045	**(Not display)**	000/001	000
DSA046	**(Not display)**	000 to 003	003
DSA047	**(Not display)**	000 to 03F	024
DSA048	**(Not display)**	000/001	001
DSA049	**(Not display)**	000 to 03F	000
DSA050	**(Not display)**	000/001	001
DSA051	**(Not display)**	000 to 03F	008
DSA052	**(Not display)**	000/001	001
DSA053	**(Not display)**	000/001	001

Item No.	Item name	Variable range	Setting value
DSB001	**(Not display)**	000 to 03F	---
DSB002	**(Not display)**	000 to 03F	---
DSB003	**(Not display)**	000 to 03F	---
DSB004	**(Not display)**	000 to 003	---
DSB005	**(Not display)**	000 to 003	---
DSB006	**(Not display)**	000 to 003	---
DSB007	**(Not display)**	000 to 03F	---
DSB008	**(Not display)**	000/001	---
DSB009	**(Not display)**	000 to 03F	---
DSB010	**(Not display)**	000/001	---
DSB011	**(Not display)**	000/001	---
DSB012	**(Not display)**	000 to 03F	---
DSB013	**(Not display)**	000 to 03F	---
DSB014	**(Not display)**	000 to 03F	---
DSB015	**(Not display)**	000 to 003	---
DSB016	**(Not display)**	000/001	---
DSB017	**(Not display)**	000 to 003	---
DSB018	**(Not display)**	000 to 03F	---
DSB019	**(Not display)**	000/001	---
DSB020	**(Not display)**	000 to 03F	---
DSB021	**(Not display)**	000/001	---
DSB022	**(Not display)**	000 to 03F	---
DSB023	**(Not display)**	000/001	---
DSB024	**(Not display)**	000 to 03F	---
DSB025	**(Not display)**	000/001	---
DSB026	**(Not display)**	000 to 03F	---
DSB027	**(Not display)**	000/001	---
DSB028	**(Not display)**	000 to 03F	---
DSB029	**(Not display)**	000/001	---
DSB030	**(Not display)**	000/001	---
DSB031	**(Not display)**	000 to 03F	---
DSB032	**(Not display)**	000/001	---
DSB033	**(Not display)**	000 to 003	---
DSB034	**(Not display)**	000 to 03F	---
DSB035	**(Not display)**	000/001	---
DSB036	**(Not display)**	000/001	---
DSB037	**(Not display)**	000 to 03F	---
DSB038	**(Not display)**	000/001	---
DSB039	**(Not display)**	000 to 003	---
DSB040	**(Not display)**	000 to 03F	---
DSB041	**(Not display)**	000/001	---
DSB042	**(Not display)**	000/001	---
DSB043	**(Not display)**	000/001	---
DSB044	**(Not display)**	000 to 03F	---
DSB045	**(Not display)**	000/001	---
DSB046	**(Not display)**	000 to 003	---
DSB047	**(Not display)**	000 to 03F	---
DSB048	**(Not display)**	000/001	---
DSB049	**(Not display)**	000 to 03F	---
DSB050	**(Not display)**	000/001	---
DSB051	**(Not display)**	000 to 03F	---
DSB052	**(Not display)**	000/001	---
DSB053	**(Not display)**	000/001	---

Item No.	Item name	Variable range	Setting value
DSC001	**(Not display)**	000 to 00F	008
DSC002	**(Not display)**	000 to 0FF	098
DSC003	**(Not display)**	000 to 03F	01C
DSC004	**(Not display)**	000 to 003	000
DSC005	**(Not display)**	000 to 0FF	000
DSC006	**(Not display)**	000/001	000
DSC007	**(Not display)**	000/001	000
DSC008	**(Not display)**	000/001	000
DSC009	**(Not display)**	000 to 00F	000
DSC010	**(Not display)**	000 to 0FF	000
DSC011	**(Not display)**	000 to 00F	00F
DSC012	**(Not display)**	000 to 0FF	0FF
DSC013	**(Not display)**	000 to 00F	000
DSC014	**(Not display)**	000 to 0FF	000
DSC015	**(Not display)**	000 to 00F	00F
DSC016	**(Not display)**	000 to 0FF	0FF
DSC017	**(Not display)**	000 to 00F	000
DSC018	**(Not display)**	000 to 0FF	04A
DSC019	**(Not display)**	000 to 0FF	000
DSC020	**(Not display)**	000 to 0FF	09E
DSC021	**(Not display)**	000 to 00F	001
DSC022	**(Not display)**	000 to 0FF	0B8
DSC023	**(Not display)**	000 to 00F	001
DSC024	**(Not display)**	000 to 0FF	0ED
DSC025	**(Not display)**	000 to 00F	000
DSC026	**(Not display)**	000 to 0FF	080
DSC027	**(Not display)**	000 to 00F	000
DSC028	**(Not display)**	000 to 0FF	040
DSC029	**(Not display)**	000 to 00F	005
DSC030	**(Not display)**	000 to 0FF	040
DSC031	**(Not display)**	000 to 00F	000
DSC032	**(Not display)**	000 to 0FF	0C0
DSC033	**(Not display)**	000 to 00F	000
DSC034	**(Not display)**	000 to 0FF	080
DSC035	**(Not display)**	000 to 00F	000
DSC036	**(Not display)**	000 to 0FF	040
DSC037	**(Not display)**	000 to 00F	005
DSC038	**(Not display)**	000 to 0FF	040
DSC039	**(Not display)**	000 to 00F	000
DSC040	**(Not display)**	000 to 0FF	0C0
DSC041	**(Not display)**	000 to 00F	004
DSC042	**(Not display)**	000 to 0FF	07B
DSC043	**(Not display)**	000/001	000
DSC044	**(Not display)**	000/001	000

Item No.	Item name	Variable range	Setting value
DSD001	**(Not display)**	000 to 255	001
DSD002	**(Not display)**	000 to 255	002
DSD003	**(Not display)**	000 to 255	001
DSD004	**(Not display)**	000 to 255	002
DSD005	**(Not display)**	000 to 255	001
DSD006	**(Not display)**	000 to 255	002
DSD007	**(Not display)**	000 to 255	001
DSD008	**(Not display)**	000 to 255	002
DSD009	**(Not display)**	-128 to +127	+001
DSD010	**(Not display)**	-128 to +127	000
DSD011	**(Not display)**	-128 to +127	+002
DSD012	**(Not display)**	-128 to +127	+002
DSD013	**(Not display)**	-128 to +127	-001
DSD014	**(Not display)**	-128 to +127	+004
DSD015	**(Not display)**	0001 to 0FF1	05C1
DSD016	**(Not display)**	0001 to 0FF1	08B1
DSD017	**(Not display)**	0001 to 0FF1	0E21

4.7.6 [0.HDMI] (*All the values are fixed values)

NOTE :

Initial setting value is reference value at following condition.

INPUT SIGNAL : 480p(HDMI)
ASPECT : 4 : 3
MULTI-SCREEN : SINGLE
VIDEO STATUS : STANDARD
COLOR TEMPERATURE : LOW

Item No.	Item name	Variable range	Setting value
HDM001	**(Not display)**	000/001	000
HDM002	**(Not display)**	000/001	000
HDM003	**(Not display)**	000/001	000
HDM004	**(Not display)**	000/001	000
HDM005	**(Not display)**	000/001	001
HDM006	**(Not display)**	000 to 003	000
HDM007	**(Not display)**	000/001	000
HDM008	**(Not display)**	000/001	000
HDM009	**(Not display)**	000/001	000
HDM010	**(Not display)**	000/001	000
HDM011	**(Not display)**	000/001	000
HDM012	**(Not display)**	000/001	000
HDM013	**(Not display)**	000/001	000
HDM014	**(Not display)**	000/001	000
HDM015	**(Not display)**	000/001	000
HDM016	**(Not display)**	000 to 255	000
HDM017	**(Not display)**	000 to 255	000
HDM018	**(Not display)**	000 to 255	000
HDM019	**(Not display)**	000/001	001

Item No.	Item name	Variable range	Setting value
HDM020	**(Not display)**	000 to 255	000
HDM021	**(Not display)**	000 to 007	000
HDM022	**(Not display)**	000 to 063	006
HDM023	**(Not display)**	000 to 063	006
HDM024	**(Not display)**	000 to 063	006
HDM025	**(Not display)**	000 to 001	000
HDM026	**(Not display)**	000 to 003	000
HDM027	**(Not display)**	000 to 255	180
HDM028	**(Not display)**	000 to 003	000
HDM029	**(Not display)**	000 to 255	192
HDM030	**(Not display)**	000 to 003	000
HDM031	**(Not display)**	000 to 255	212
HDM032	**(Not display)**	000 to 003	000
HDM033	**(Not display)**	000 to 255	191
HDM034	**(Not display)**	000 to 003	001
HDM035	**(Not display)**	000 to 255	012
HDM036	**(Not display)**	000 to 255	026
HDM037	**(Not display)**	000 to 255	001
HDM038	**(Not display)**	000 to 255	012
HDM039	**(Not display)**	000/001	001
HDM040	**(Not display)**	000/001	001
HDM041	**(Not display)**	000/001	000
HDM042	**(Not display)**	000 to 255	001
HDM043	**(Not display)**	000 to 007	003
HDM044	**(Not display)**	000 to 003	000
HDM045	**(Not display)**	000 to 003	000
HDM046	**(Not display)**	000/001	001
HDM047	**(Not display)**	000 to 015	007
HDM048	**(Not display)**	000 to 255	000
HDM049	**(Not display)**	000 to 255	000
HDM050	**(Not display)**	000 to 015	000
HDM051	**(Not display)**	000/001	000
HDM052	**(Not display)**	000/001	000
HDM053	**(Not display)**	000/001	000
HDM054	**(Not display)**	000/001	000
HDM055	**(Not display)**	000/001	000
HDM056	**(Not display)**	000/001	000
HDM057	**(Not display)**	000/001	001
HDM058	**(Not display)**	000/001	000
HDM059	**(Not display)**	000/001	001
HDM060	**(Not display)**	000/001	000
HDM061	**(Not display)**	000/001	001
HDM062	**(Not display)**	000/001	001
HDM063	**(Not display)**	000/001	000
HDM064	**(Not display)**	000/001	000

Item No.	Item name	Variable range	Setting value
HDM065	**(Not display)**	000/001	001
HDM066	**(Not display)**	000/001	000
HDM067	**(Not display)**	000/001	001
HDM068	**(Not display)**	000/001	004
HDM069	**(Not display)**	000/001	000
HDM070	**(Not display)**	000/001	001
HDM071	**(Not display)**	000/001	000
HDM072	**(Not display)**	000/001	000
HDM073	**(Not display)**	000/001	000
HDM074	**(Not display)**	000/001	008
HDM075	**(Not display)**	000/001	001
HDM076	**(Not display)**	000/001	001
HDM077	**(Not display)**	000/001	001
HDM078	**(Not display)**	000/001	001
HDM079	**(Not display)**	000/001	001
HDM080	**(Not display)**	000/001	001

Item No.	Item name	Variable range	Setting value
RHD001	**(Not display)**	---	000
RHD002	**(Not display)**	---	000
RHD003	**(Not display)**	---	000
RHD004	**(Not display)**	---	000
RHD005	**(Not display)**	---	000
RHD006	**(Not display)**	---	000
RHD007	**(Not display)**	---	000
RHD008	**(Not display)**	---	000
RHD009	**(Not display)**	---	000
RHD010	**(Not display)**	---	000
RHD011	**(Not display)**	---	000
RHD012	**(Not display)**	---	000
RHD013	**(Not display)**	---	000
RHD014	**(Not display)**	---	000
RHD015	**(Not display)**	---	000
RHD016	**(Not display)**	---	000
RHD017	**(Not display)**	---	000
RHD018	**(Not display)**	---	000
RHD019	**(Not display)**	---	000
RHD020	**(Not display)**	---	000
RHD021	**(Not display)**	---	000
RHD022	**(Not display)**	---	000
RHD023	**(Not display)**	---	000
RHD024	**(Not display)**	---	000
RHD025	**(Not display)**	---	000
RHD026	**(Not display)**	---	000
RHD027	**(Not display)**	---	000

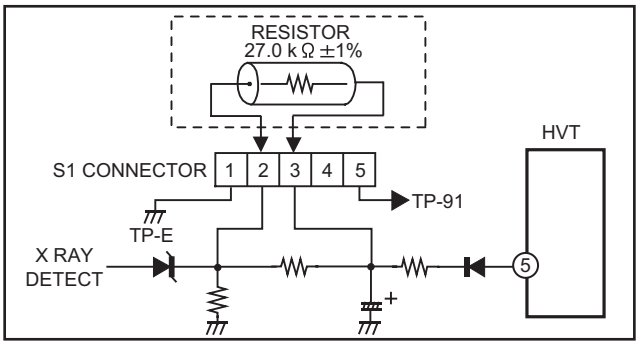
Item No.	Item name	Variable range	Setting value
RHD028	**(Not display)**	---	000
RHD029	**(Not display)**	---	000
RHD030	**(Not display)**	---	000
RHD031	**(Not display)**	---	000
RHD032	**(Not display)**	---	000
RHD033	**(Not display)**	---	000
RHD034	**(Not display)**	---	000
RHD035	**(Not display)**	---	000
RHD036	**(Not display)**	---	000
RHD037	**(Not display)**	---	000
RHD038	**(Not display)**	---	000
RHD039	**(Not display)**	---	000
RHD040	**(Not display)**	---	000
RHD041	**(Not display)**	---	000
RHD042	**(Not display)**	---	000
RHD043	**(Not display)**	---	000
RHD044	**(Not display)**	---	000
RHD045	**(Not display)**	---	000
RHD046	**(Not display)**	---	000
RHD047	**(Not display)**	---	000
RHD048	**(Not display)**	---	000
RHD049	**(Not display)**	---	000
RHD050	**(Not display)**	---	000
RHD051	**(Not display)**	---	000
RHD052	**(Not display)**	---	000
RHD053	**(Not display)**	---	000
RHD054	**(Not display)**	---	000
RHD055	**(Not display)**	---	000
RHD056	**(Not display)**	---	000
RHD057	**(Not display)**	---	000
RHD058	**(Not display)**	---	000
RHD059	**(Not display)**	---	000
RHD060	**(Not display)**	---	000
RHD061	**(Not display)**	---	000
RHD062	**(Not display)**	---	000
RHD063	**(Not display)**	---	000
RHD064	**(Not display)**	---	000
RHD065	**(Not display)**	---	000
RHD066	**(Not display)**	---	000
RHD067	**(Not display)**	---	000
RHD068	**(Not display)**	---	000
RHD069	**(Not display)**	---	000
RHD070	**(Not display)**	---	000
RHD071	**(Not display)**	---	000
RHD072	**(Not display)**	---	000

Item No.	Item name	Variable range	Setting value
RHD073	**(Not display)**	---	000
RHD074	**(Not display)**	---	000
RHD075	**(Not display)**	---	000
RHD076	**(Not display)**	---	000
RHD077	**(Not display)**	---	000
RHD078	**(Not display)**	---	000
RHD079	**(Not display)**	---	000
RHD080	**(Not display)**	---	000
RHD081	**(Not display)**	---	000
RHD082	**(Not display)**	---	000
RHD083	**(Not display)**	---	000
RHD084	**(Not display)**	---	000
RHD085	**(Not display)**	---	000
RHD086	**(Not display)**	---	000
RHD087	**(Not display)**	---	000
RHD088	**(Not display)**	---	000
RHD089	**(Not display)**	---	000
RHD090	**(Not display)**	---	000
RHD091	**(Not display)**	---	000
RHD092	**(Not display)**	---	000
RHD093	**(Not display)**	---	000
RHD094	**(Not display)**	---	000
RHD095	**(Not display)**	---	000
RHD096	**(Not display)**	---	000
RHD097	**(Not display)**	---	000
RHD098	**(Not display)**	---	000
RHD009	**(Not display)**	---	000
RHD100	**(Not display)**	---	000
RHD101	**(Not display)**	---	000
RHD102	**(Not display)**	---	000
RHD103	**(Not display)**	---	000
RHD104	**(Not display)**	---	000
RHD105	**(Not display)**	---	000
RHD106	**(Not display)**	---	000
RHD107	**(Not display)**	---	000
RHD108	**(Not display)**	---	000
RHD109	**(Not display)**	---	000
RHD110	**(Not display)**	---	000
RHD111	**(Not display)**	---	000
RHD112	**(Not display)**	---	000
RHD113	**(Not display)**	---	000
RHD114	**(Not display)**	---	000
RHD115	**(Not display)**	---	000
RHD116	**(Not display)**	---	000
RHD117	**(Not display)**	---	000

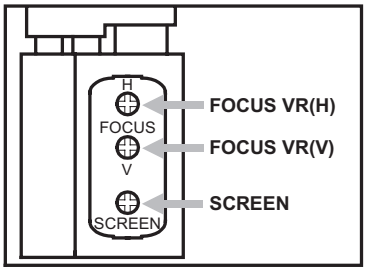
Item No.	Item name	Variable range	Setting value
RHD118	**(Not display)**	---	000
RHD119	**(Not display)**	---	000
RHD120	**(Not display)**	---	000
RHD121	**(Not display)**	---	000
RHD122	**(Not display)**	---	000
RHD123	**(Not display)**	---	000
RHD124	**(Not display)**	---	000
RHD125	**(Not display)**	---	000
RHD126	**(Not display)**	---	000
RHD127	**(Not display)**	---	000
RHD128	**(Not display)**	---	000
RHD129	**(Not display)**	---	000
RHD130	**(Not display)**	---	000
RHD131	**(Not display)**	---	000
RHD132	**(Not display)**	---	000
RHD133	**(Not display)**	---	000
RHD134	**(Not display)**	---	000
RHD135	**(Not display)**	---	000
RHD136	**(Not display)**	---	000
RHD137	**(Not display)**	---	000
RHD138	**(Not display)**	---	000
RHD139	**(Not display)**	---	000
RHD140	**(Not display)**	---	000
RHD141	**(Not display)**	---	000
RHD142	**(Not display)**	---	000
RHD143	**(Not display)**	---	000
RHD144	**(Not display)**	---	000
RHD145	**(Not display)**	---	000
RHD146	**(Not display)**	---	000
RHD147	**(Not display)**	---	000
RHD148	**(Not display)**	---	000
RHD149	**(Not display)**	---	000
RHD150	**(Not display)**	---	000
RHD151	**(Not display)**	---	000
RHD152	**(Not display)**	---	000
RHD153	**(Not display)**	---	000
RHD154	**(Not display)**	---	000
RHD155	**(Not display)**	---	000
RHD156	**(Not display)**	---	000
RHD157	**(Not display)**	---	000
RHD158	**(Not display)**	---	000
RHD159	**(Not display)**	---	000
RHD160	**(Not display)**	---	000
RHD161	**(Not display)**	---	000
RHD162	**(Not display)**	---	000
RHD163	**(Not display)**	---	000
RHD164	**(Not display)**	---	000
RHD165	**(Not display)**	---	000
RHD166	**(Not display)**	---	000
RHD167	**(Not display)**	---	000
RHD168	**(Not display)**	---	000
RHD169	**(Not display)**	---	000
RHD170	**(Not display)**	---	000

4.8 ADJUSTMENT PROCEDURE

4.8.1 CHECK ITEM

Item	Measuring instrument	Test point	Adjustment part	Description
B1 VOLTAGE	Signal generator DC voltmeter	S1 connector 1-pin: TP-E 5-pin: TP-91 [POWER & DEF PWB]		(1) Receive the black and white signal (color off). (2) Connect the DC voltmeter to the TP-E and TP-91(B1) of S1 connector. (3) Confirm that the voltage is DC140V±2.5V.
HIGH VOLTAGE HOLD DOWN	Resistor [27.0kΩ±1%]	S1 connector 2-pin : X-RAY2 3-pin : X-RAY1 [POWER & DEF PWB]		• After reparing the high voltage hold down circuit. This circuit shall be checked to operate correctly. (1) Turn the power switch to on. (2) Refer to the figure, connect the resistor 27.0kΩ ±1% between S1 connector 2-pin and 3-pin. (3) Make sure that the screen picture disappeares. (4) Disconnect the power plug. (5) Remove the resistor. (6) Again connect the power plug. (7) Turn the power switch to on. (8) Make sure that the normal picture is displayed on the screen.
				

4.8.2 FOCUS

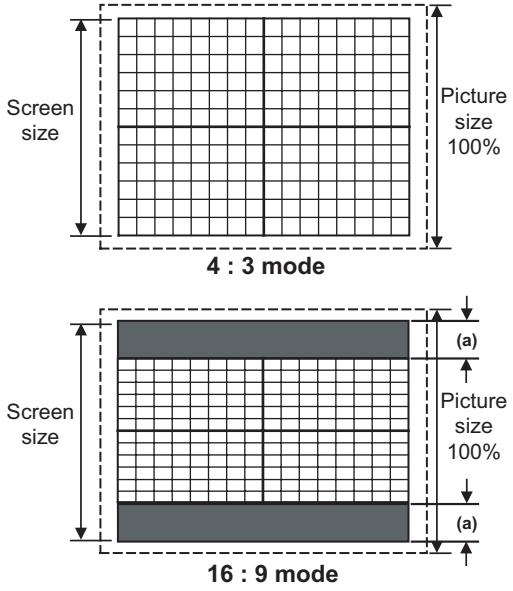
Item	Measuring instrument	Test point	Adjustment part	Description
FOCUS	Signal generator Remote control unit		FOCUS VR(H) FOCUS VR(V) [HVT]	(1) Receive the cross-hatch signal. (2) While watching the screen, adjust the FOCUS VR(H) to make the horizontal lines as fine and sharp as possible. (3) Then adjust the FOCUS VR(V) to make the vertical lines as fine and sharp as possible. (4) Make sure that when the screen is darkened, the lines remain in good focus.
				

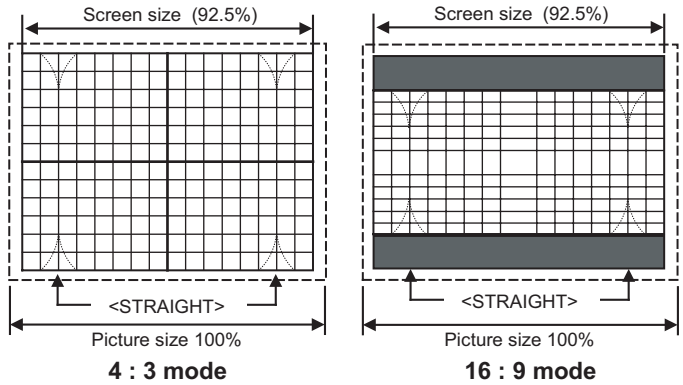
4.8.3 HORIZONTAL FREQUENCY

Item	Measuring instrument	Test point	Adjustment part	Description
H. FREQUENCY	Signal generator Remote control unit		[1.PICTURE/SOUND] D15: H. FREQ. D18: (Not display) (DEF RST OUT)	(1) Receive the any broadcast. (2) Select 1.PICTURE/SOUND from the SERVICE MODE. (3) Preset the value from 0 to 1 for the < D18 > (DEF RST OUT). (4) Adjust the < D15 >(H. FREQ.) so that an optimum horizontal synchronization is obtained. (5) Press [MUTING] key to memorize the set value. (6) Set the ASPECT to 16 : 9 mode. (7) Memorize the same value on 16 : 9 mode as will. (8) After adjustment, return the value from 1 to 0 for the < D18 >. (9) Press the [MUTING] key to memorize the set value.

4.8.4 DEFLECTION CIRCUIT

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>V. POSITION /
V. SIZE /
V. LINEARITY</td><td>Signal generator

Remote control unit</td><td></td><td>[1.PICTURE/SOUND]
D01: V. SIZE
D05: V. LINE
D06: V. CENT</td><td rowspan="2">(1) Receive the crosshatch signal.
(2) Select 1.PICTURE/SOUND from the SERVICE MODE.
(3) Adjust the < D06 > (V.CENT) so that the vertical center of the picture comes to the vertical center of the screen.
(4) Adjust the < D01 > (V.SIZE) to became the screen size to 91.5% of the vertical picture size.
(5) Adjust the < D05 > (V. LINE) so that the crosshatch screen become true square at the portion of top, middle and bottom.
(6) Press the [MUTING] key to memorize the set value.
(7) Set the ASPECT to 16:9 mode.
(8) The following offset values are added to D01, D05 and D06.
<table><tr><th>Setting item</th><th>Offset value</th></tr><tr><td>D01: V. SIZE</td><td>-38</td></tr><tr><td>D05: V. LINE</td><td>-1</td></tr><tr><td>D06: V. CENT</td><td>-1</td></tr></table>(9) Press the [MUTING] key to memorize the set value.
(10) Confirm that the blanking height of (a) in the figure is 60mm.
(11) If it is different, readjust each settings.
NOTE:
• Do not adjust the (D04) < V.S-CORRECTION >.</td></tr>
<tr><td colspan="4"> 
</td></tr>
<tr><td>H. POSITION /
H. SIZE /
SIDE PIN /
TRAPEZIUM</td><td>Signal generator

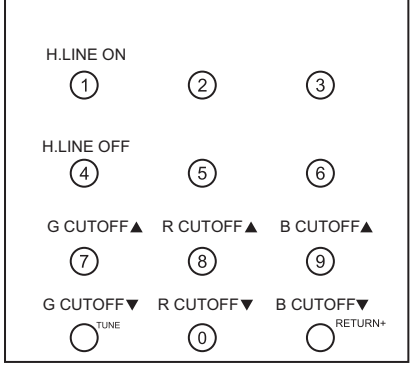
Remote control unit</td><td></td><td>[1.PICTURE/SOUND]
D02: EW
D03: H. SIZE
D07: EW. TRAP
D08: BOT. CORN
D09: TOP. CORN
D14: H. CENTER</td><td rowspan="2">(1) Receive the crosshatch pattern.
(2) Select 1.PICTURE/SOUND from the SERVICE MODE.
(3) Adjust the < D14 > (H.CENTER) so that the horizontal center of the crosshatch agree with the horizontal center of the screen.
(4) Adjust the < D03 > (H. SIZE) to become the screen size to 92.5% of the horizontal picture size.
(5) Adjust the <D02>(EW TRAP) to the vertical lines become straight..
(6) If the corner pincushions are too bad, adjust the < D09 > (TOP. CORN), < D08 > (BOT. CORN) and < D07 > (EW. TRAP) to get exact corner pincushion of the crosshatch pattern.
(7) Press the [MUTING] key to memorize the set value.
(8) Set the ASPECT to 16:9 screen mode.
(9) The following offset values are added to D02.
<table><tr><th>Setting item</th><th>Offset value</th></tr><tr><td>D02: EW</td><td>-5</td></tr></table>(10) Press the [MUTING] key to memorize the set value.
(11) If adjustment is different, readjust each mode.
NOTE:
• Confirm the H. position and if it is different, readjust the H. position again.
Repeat the adjustment of the H. size and side pincushion.</td></tr>
<tr><td colspan="4"> 
</td></tr>
</table>

4.8.5 VIDEO CIRCUIT

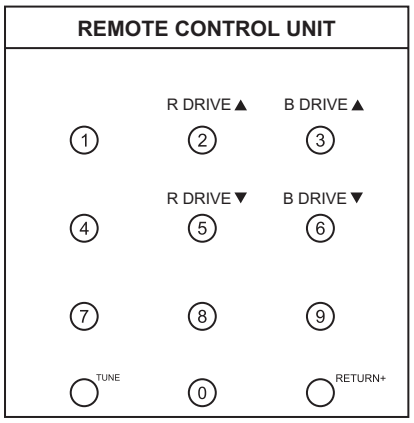
<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>WHITE BALANCE (LOW LIGHT)</td><td>Signal generator

Remote control unit</td><td></td><td>[1.PICTURE/SOUND]
S14: CUTOFR
S16: CUTOFG
S18: CUTOFB

[3.WHITE BALANCE]

SCREEN VR
[FBT]</td><td rowspan="2">(1) Input the black and white signal (color off).
(2) Set the VIDEO STATUS to STANDARD.
(3) Set the COLOR TEMPERATURE to LOW.
(4) Select 1.PICTURE/SOUND from the SERVICE MODE.
(5) Set the initial setting values of the < S14 > (CUTOFF R), < S16 > (CUTOFF G), < S18 > (CUTOFF B).
(6) Return to the main menu in SERVICE MODE.
(7) Select the 3.WHITE BALANCE from SERVICE MODE.
(8) Display the horizontal line by pressing the [1] key.
(9) Turn the SCREEN VR all the way to the left, then turn it gradually clockwise until either one of the red, blue or green color is faintly visible.
(10) Adjust the two colors which did not appear until the single horizontal line that is displayed becomes white using the [7], [8], [9], [TUNE] and [RETURAN+] keys.
(11) Press the [MUTING] key to memorize the set value.
(12) Press the [4] key to release the horizontal line mode.
(13) If there is a gap with the setting values, repeat the steps 7. to 12. for readjustment.
(14) Input the 480i component video signal.
(15) Repeat the steps 7. to 13. as above.
(16) Input the 1080i component video signal.
(17) Repeat the steps 7. to 13. as above.</td></tr>
<tr><td colspan="4">REMOTE CONTROL UNIT
 
</td></tr>
<tr><td>WHITE BALANCE (HIGH LIGHT)</td><td>Signal generator

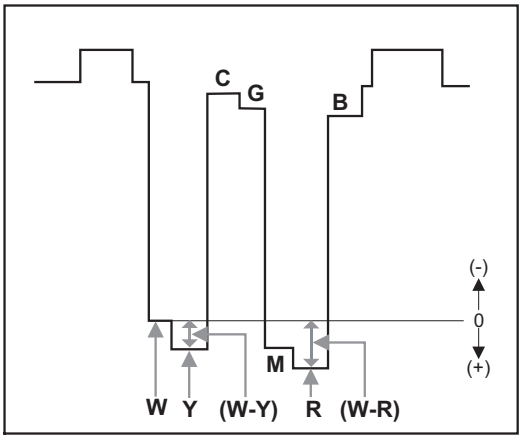
Remote control unit</td><td></td><td>[1.PICTURE/SOUND]
S10: DRIVE R
S12: DRIVE B

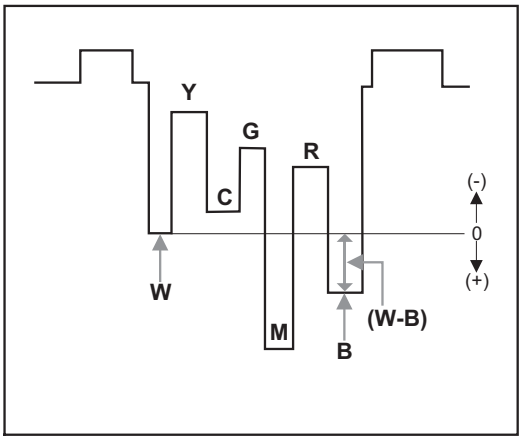
[3.WHITE BALANCE]</td><td rowspan="2">(1) Input the black and white signal (color off).
(2) Set the VIDEO STATUS to STANDARD.
(3) Set the COLOR TEMPERATURE to LOW.
(4) Select 1.PICTURE/SOUND from the SERVICE MODE.
(5) Set the initial setting values of the < S10 > (DRIVE R) and < S12 > (DRIVE B).
(6) Return to the main menu in SERVICE MODE.
(7) Select the 3.WHITE BALANCE from SERVICE MODE.
(8) Adjust the screen until it becomes white using the [2] ,[3], [5] and [6] keys.
(9) Press the [MUTING] key to memorize the set value.
(10) Make sure that the WHITE BALANCE tracking from the LOW-LIGHT through the HIGH-LIGHT has been properly done. [When the black and white signal (color off) is received, the natural white should be visible.]
(11) Input the 480i component video signal to COMPONENT VIDEO terminal.
(12) Repeat the steps 7. to 9. as above.
(13) Input the 1080i component video signal to COMPONENT VIDEO terminal.
(14) Repeat the steps 7. to 9. as above.
(15) If there is a gap with the initial setting values, repeat the steps 7. to 9. for readjustment.</td></tr>
<tr><td colspan="4">REMOTE CONTROL UNIT
 
</td></tr>
</table>

Item	Measuring instrument	Test point	Adjustment part	Description
SUB BRIGHT	Remote control unit		[1.PICTURE/SOUND] S03: BRIGHT	(1) Receive the color bar signal. (2) Set the VIDEO STATUS to STANDARD. (3) Set the COLOR TEMPERATURE to LOW. (4) Select 1.PICTURE/SOUND from the SERVICE MODE. (5) Set the initial setting value of the < S03 > (BRIGHT). (6) If the brightness is not the best with initial setting value, make fine adjustment of the < S03 > until you get the best brightness. (7) Press the [MUTING] key to memorize the set value. (8) Set the VIDEO STATUS to THEATER. (9) Set the COLOR TEMPERATURE to HIGH. (10) Repeat the steps 4. to 7. as above. (11) Input the 480i component color bar signal. (12) Repeat the steps 2. to 10. as above. (13) Input the 1080i component color bar signal. (14) Repeat the steps 2. to 7. as above. (15) Set the VIDEO STATUS to THEATER. (16) Repeat the steps 3. to 7. as above.
SUB CONTRAST	Remote control unit		[1.PICTURE/SOUND] S04: CONTRAST	(1) Receive the NTSC color bar signal. (2) Set the VIDEO STATUS to STANDARD. (3) Set the COLOR TEMPERATURE to LOW. (4) Select 1.PICTURE/SOUND from the SERVICE MODE. (5) Set the initial setting value of the < S04 > (CONTRAST). (6) If the contrast is not the best with the initial setting value, make fine adjustment of the < S04 > until you get the optimum contrast. (7) Press the [MUTING] key to memorize the set value. (8) Set the VIDEO STATUS to THEATER. (9) Set the COLOR TEMPERATURE to HIGH. (10) Repeat the steps 4. to 7. as above. (11) Input the 480i component color bar signal. (12) Repeat the steps 2. to 10. as above. (13) Input the 1080i component color bar signal. (14) Repeat the steps 2. to 7. as above. (15) Set the VIDEO STATUS to THEATER. (16) Repeat the steps 3. to 7. as above.

Item	Measuring instrument	Test point	Adjustment part	Description
SUB COLOR / SUB TINT / B-Y GAIN (1)	Signal generator Remote control unit		[1.PICTURE/SOUND] S01: COLOR S02: TINT S07: B-Y	**Method of adjustment without measuring instrument** (1) Receive the composite NTSC color bar signal. (2) Set the VIDEO STATUS to STANDARD. (3) Set the COLOR TEMPERATURE to LOW. (4) Select 1.PICTURE/SOUND from the SERVICE MODE. (5) Set the initial setting values of the < S01 > (COLOR) and < S02 > (TINT). (6) If the color or tint is not the best with the initial setting values, make fine adjustment until you get the best color or the best tint. (7) Set the initial setting values of the < S07 > (B-Y). (8) If the color bar is not clearly with the initial setting value, make fine adjustment until you get the clearly color bar. (9) Press the [MUTING] key to memorize the set value. (10) Set the VIDEO STATUS to THEATER. (11) Set the COLOR TEMPERATURE to HIGH. (12) Repeat the steps 4. to 9. as above. (13) Input the 480i component color bar signal to COMPONENT VIDEO terminal. (14) Repeat the steps 2. to 12. as above. (15) Input the 480p component color bar signal to COMPONENT VIDEO terminal. (16) Repeat the steps 2. to 12. as above. (17) Input the 1080i component color bar signal to COMPONENT VIDEO terminal. (18) Repeat the steps 2. to 9. as above. (19) Set the VIDEO STATUS to THEATER. (20) Set the COLOR TEMPERATURE to LOW. (21) Repeat the steps 4. to 9. as above.

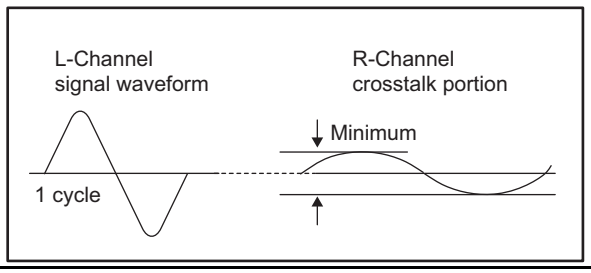
Item	Measuring instrument	Test point	Adjustment part	Description
SUB COLOR / SUB TINT / B-Y GAIN (2)	Signal generator Oscilloscope Remote control unit	TP-R TP-B TP-E [CRT SOCKET PWB]	[1.PICTURE/SOUND] S01: COLOR S02: TINT S07: B-Y	**Method of adjustment using measuring instrument** (1) Receive the composite NTSC color bar (75% white) signal. (2) Set the VIDEO STATUS to STANDARD. (3) Set the COLOR TEMPERATURE to LOW. (4) Select 1.PICTURE/SOUND from the SERVICE MODE. (5) Connect the oscilloscope between TP-R and TP-E. (6) Adjust the < S01 > (COLOR) and < S02 > (TINT) to be the following setting value A [V]. (7) Connect the oscilloscope between TP-B and TP-E. (8) Adjust the < S07 > (B-Y) to be setting value C [V] . (9) Press the [MUTING] key to memorize the set value. (10) Set the VIDEO STATUS to THEATER. (11) Set the COLOR TEMPERATURE to HIGH. (12) Adjust the < S01 > and < S02 > to be the following setting value B [V]. (13) Adjust the < S07 > to be setting value D [V]. (14) Press the [MUTING] key to memorize the set value. (15) Input the 480i component color bar signal to COMPONENT VIDEO terminal. (16) Repeat the steps 2. to 14. as above. (17) Input the 480p component color bar signal to COMPONENT VIDEO terminal. (18) Repeat the steps 2. to 14. as above. (19) Input the 1080i component color bar signal to COMPONENT VIDEO terminal. (20) Repeat the steps 2. to 9. as above. (21) Set the VIDEO STATUS to THEATER. (22) Set the COLOR TEMPERATURE to LOW. (23) Repeat the steps 12. to 14. as above. **NOTE:** • Confirm that the low-light is not different after adjusting COLOR, TINT and B-Y. If it is green or magenta, adjust the low-light again. • If the readjustment is carried out, set the off set values again.





Setting value	A		B		C	D
	STANDARD		THEATER		STANDARD	THEATER
	(W-R)	(W-Y)	(W-R)	(W-Y)	(W-B)	(W-B)
	S01	S02	S01	S02	S07	S07
NTSC(4:3)	+40V	+12V	+22V	0V	+10V	+10V
480i(4:3)	+36V	+15V	+15V	+3V	+1V	+1V
480p(4:3)	+42V	+17V	+19V	+3V	+1V	-1V
1080i (16:9)	+27V	+4V	+15V	+5V	-13V	-4V

4.8.6 MTS CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL	Remote control unit		[1.PICTURE/SOUND] A01: IN LEVEL	(1) Receive the any broadcast. (2) Select the 1.PICTURE/SOUND from the SERVICE MODE. (3) Select the < A01 > (IN LEVEL). (4) Set the intal setting value of the < A01 >. (5) Press the [MUTING] key to memorize the set value.
MTS SEPARATION	TV audio multiplex signal generator Oscilloscope Remote control unit	R OUT L OUT [AUDIO OUT]	[1.PICTURE/SOUND] A02: LOW SEP A03: HI SEP	(1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to L OUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUT pin of the AUDIO OUT, and enlarge the voltage axis. (4) Select 1.PICTURE/SOUND from the SERVICE MODE. (5) Set the initial setting value of the < A02 > (LOW SEP). (6) Adjust the < A02 > so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust the < A03 > (HI SEP). (8) Press the [MUTING] key to memorize the set value.
				

SECTION 5
TROUBLESHOOTING

5.1 SELF-DIAGNOSIS FEATURE

5.1.1 OUTLINE

This unit comes with the "Self-diagnosis" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I^2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF-DIAGNOSIS DISPLAY MODE

Before entering the Self-diagnosis Display mode, confirm that the setting of TV / CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR / DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the Self-diagnosis Display mode.

(1) Press the [SLEEP TIMER] key and set it to 30 minutes.
(2) Press the [VIDEO STATUS] key and [DISPLY] key simultaneously, then enter the TEST MODE.
(3) Press the [4] key (Self-diagnosis Display mode) before the service mode screen disappears.

5.1.3 HOW TO EXIT THE SELF-DIAGNOSIS DISPLAY MODE

To Save Failure History:

Turn off the power by unplugging the AC power cord plug when in the self-diagnosis display mode.

To Clear (Reset) Failure History:

Turn off the power by pressing the [POWER] key on the remote control unit when in the self-diagnosis display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item.When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF-DIAGNOSIS FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I^2C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start self-diagnosis check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.

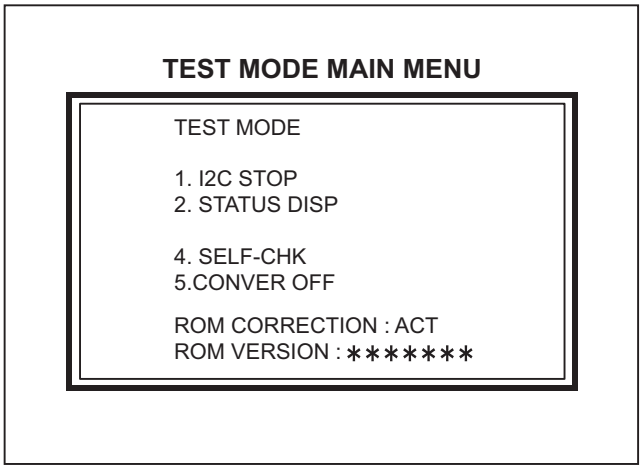


Fig.1

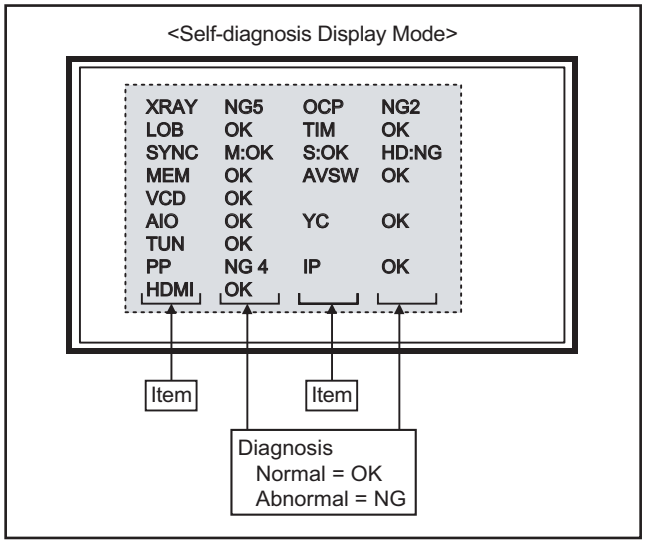


Fig.2

5.1.6 DETAILS

Self-diagnosis is performed for the following items:

Check Item	Indication	Details of detection	Method of detection
X-ray protection	XRAY	------	There is its OSD. However the XRAY self-check is not active.(No counting)
B1 over-current protection	OCP	B1 over-current is detected. Q2971 (POWER & DEF PWB)	At about 3 seconds after the power is turned on, the self-check function starts. If NG is detected for 200ms, the power is turned off automatically.
Low B short protection	LOB	Operation of low B short protection circuit. 5V: Q1961 9V: Q1962 (MAIN PWB)	At about 3 seconds after the power is turned on, the self-check function starts. If NG is detected for 200ms, the power is turned off automatically.
CRT neck protection		Operation of CRT neck protection circuit. Q2401 (POWER & DEF PWB)	At about 3 seconds after the power is turned on, the self-check function starts. If NG is detected for 1.5s, the power is turned off automatically.
Timer (clock)	TIM	The power frequency is changed as follows: 50Hz→60Hz / 60Hz→50Hz IC1701 (MI-COM & DIST MODULE PWB)	Periodically check the power frequency by counting the AC pulse and monitor whether or not the frequency is changed except for the time immediately after resetting.
Presence or absence of synchronized signal	SYNC	Presence of synchronized signal. HD: Component input / M: NTSC main / S: NTSC sub IC1301 (MI-COM & DISTMODULE PWB)	When entering the self-check mode, "OK" is shown. While running the mode with picture signal, if the synchronized signal is disappeared, "NG" is shown.
Main memory	MEM	ACK is returned when I^2C traffic is carried out. IC1703 (memory) (MAIN PWB)	The state is monitored every time when I^2C traffic is carried out. Then the state is counted as a failure if ACK is not returned.
AV switch	AVSW	Ditto IC1501 (MAIN PWB)	Ditto
Video process	VCD	Ditto IC1301 (MAIN PWB)	Ditto
Audio	AIO	Ditto IC1140 (RECEIVER PWB)	Ditto
3D YC separation	YC	Ditto IC3001 (MI-COM & DIST MODULE PWB)	Ditto
RF tuner	TUN	Ditto TU1101 (RECEIVER PWB)	Ditto
Multi screen	PP	Ditto IC1001 (MI-COM & DIST MODULE PWB)	Ditto
DIST process	IP	Ditto IC1001 (MI-COM & DIST MODULE PWB)	Ditto
DVI (Digital input) process	HDMI	Ditto IC7001 (DIGITAL INPUT MODULE PWB)	Ditto

5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

The self-check results are shown on the following LED display.
Method of indication when the raster is not displayed.
Each failure is shown by turning LED on and off at the specified intervals.

- For B1 over-current protection, CRT neck protection and Low B short protection, the power of the TV is turned off, if NG is detected. Immediately after the power is turned off, POWER LED will be turning on and off. When the power is turned off, you cannot turn the power on again until the AC plug is taken out and put in again.

Item	POWER LED ON / OFF intervals
B1 over-current protection	Tuningon and off at 1-second intervals
Low B short protection	Tuningon and off at 2-second intervals
CRT neck protection	Tuningon and off at 3-second intervals

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PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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USING P.W. BOARD & REMOTE CONTROL UNIT

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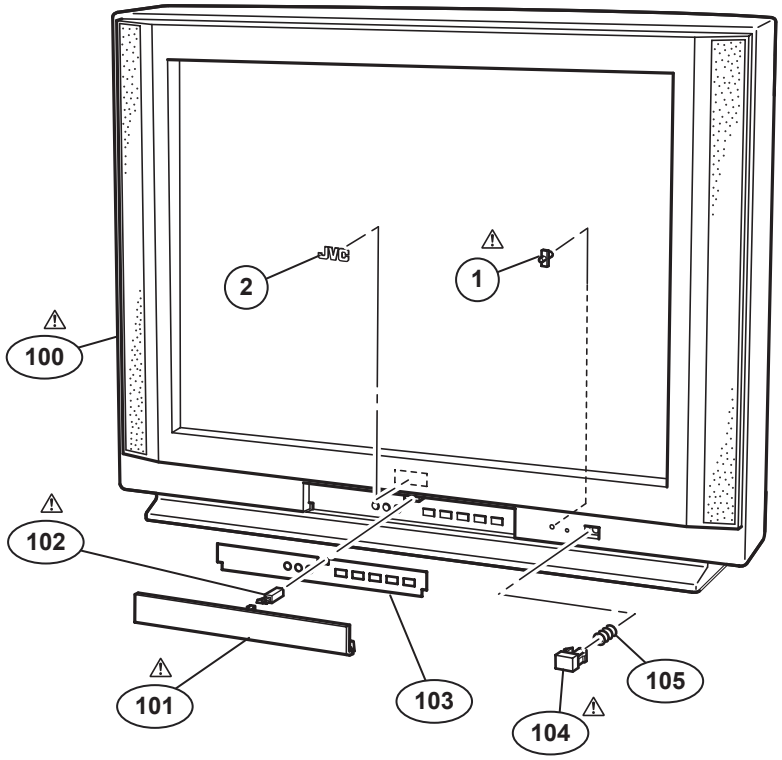
MAIN P.W.B	SSC-1005A-M2	SSC-1004A-M2	SSC-1003A-M2
POWER & DEF P.W.B	SSC-2003A-M2	←	←
CRT SOCKET P.W.B	SSC-3003A-M2	←	←
LINE FILTER P.W.B	SSC-9003A-M2	←	←
DEF OSC P.W.B	SSC0H003A-M2	←	←
RECEIVER P.W.B	SSC0R003A-M2	SSC0R002A-M2	←
FRONT CONTROL P.W.B	SSC0L003A-M2	←	←
FRONT SW P.W.B	SCC0L104A-M2	SSC0L103A-M2	←
MI-COM & DIST MODULE P.W.B	SSC0D003A-M2	←	←
DIGITAL INPUT MODULE P.W.B	---	SSC-7802A-M2	SSC-7801A-M2
REMOTE CONTROL UNIT	RM-C1257G-1H	←	←

EXPLODED VIEW PARTS LIST -1 [AV-32S565/Y]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC30191-003A-A	REMOCON WINDOW		
	2	CM48006-008-C	JVC MARK		
⚠	100	LC11048-015A-A	FRONT CABINET ASSY	Inc.No.101-105	
⚠	101	LC20628-003A-A	DOOR		
⚠	102	CM48229-00A-C	DOOR LATCH		
	103	LC31238-003A-A	OPERATION SHEET		
⚠	104	LC31237-003A-A	POWER KNOB		
	105	CM36481-002A-A	SPRING		

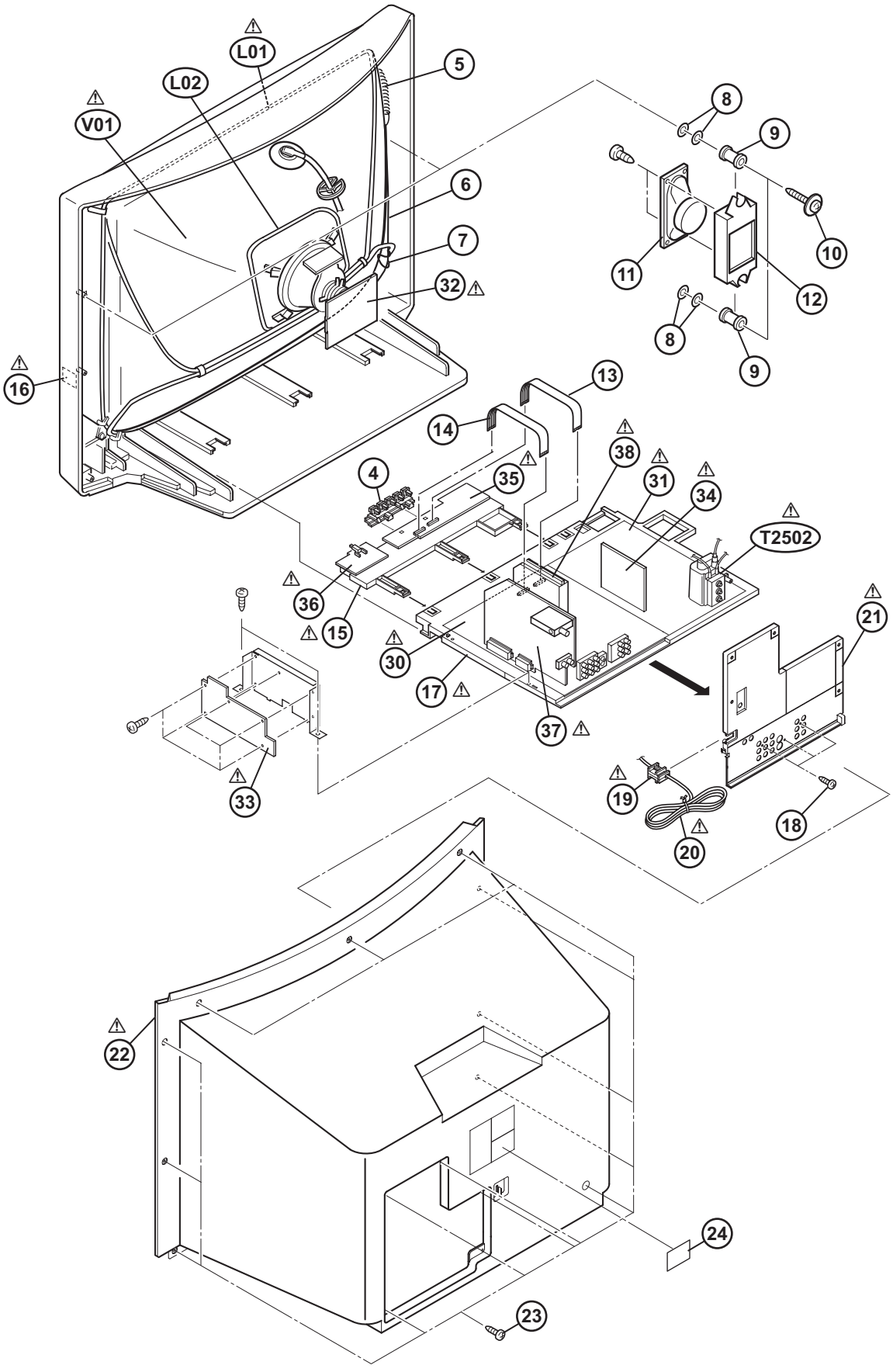
EXPLODED VIEW -1 [AV-32S565/Y]



EXPLODED VIEW PARTS LIST -2 [AV-32S565/Y]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	V01	A80AJZ90X33	PICTURE TUBE(ITC)	Inc.DY, PC MAGNET, WEDGE	
⚠	L01	QQW0116-001	DEG COIL		
	L02	QQW0152-001	CANCELLER COIL		
⚠	T2502	QQH0166-001	FB TRANSF		
	4	LC20217-004B-A	CONTROL KNOB		
	5	A48457-4-S	SPRING		
	6	WJY0016-002A	E-BRAIDED ASSY		
	7	WJY0013-003A	E-BRAIDED ASSY		
	8	CM48221-003-A	WASHER	(x8)	
	9	LC40226-003A-H	SPACER	(x4)	
	10	LC41029-001B-A	TAPPING SCREW	(x4)	
	11	QAS0148-001	SPEAKER	SP01/SP02(x2)	
	12	LC20629-001B-A	SPEAKER HOLDER	(x2)	
	13	QUQ212-1318CL	FFC WIRE	13pin 18cm	
	14	QUQ212-2518CL	FFC WIRE	25pin 18cm	
⚠	15	LC11172-002A-A	CONTROL BASE		
⚠	16	GQ30034-001B-A	WARNING LABEL		
⚠	17	LC11173-001G-A	CHASSIS BASE		
	18	QYSBSB3010Z	TAP SCREW	M3 x 10mm(x4)	
⚠	19	LC20106-001D-A	POWER CORD CLAMP		
⚠	20	QMPD390-200-JS	POWER CORD(US/CA)	2m BLACK	
⚠	21	LC11573-005A-A	TERMINAL BOARD		
⚠	22	LC11339-002A-A	REAR COVER		
	23	QYSBSFG4016Z	TAP SCREW	M4 x 16mm(x14)	
	24	GQ30032-001A-A	RATING LABEL		
⚠	30	SSC-1005A-M2	MAIN PWB		
⚠	31	SSC-2003A-M2	POWER & DEF PWB		
⚠	32	SSC-3003A-M2	CRT SOCKET PWB		
⚠	33	SSC-9003A-M2	LINE FILTER PWB		
⚠	34	SSC0H003A-M2	DEF OSC PWB		
⚠	35	SSC0L003A-M2	FRONT CONTROL PWB		
⚠	36	SSC0L104A-M2	FRONT SW PWB		
⚠	37	SSC0R003A-M2	RECEIVER PWB		
⚠	38	SSC0D003A-M2	MI-COM & DIST MODULE PWB		

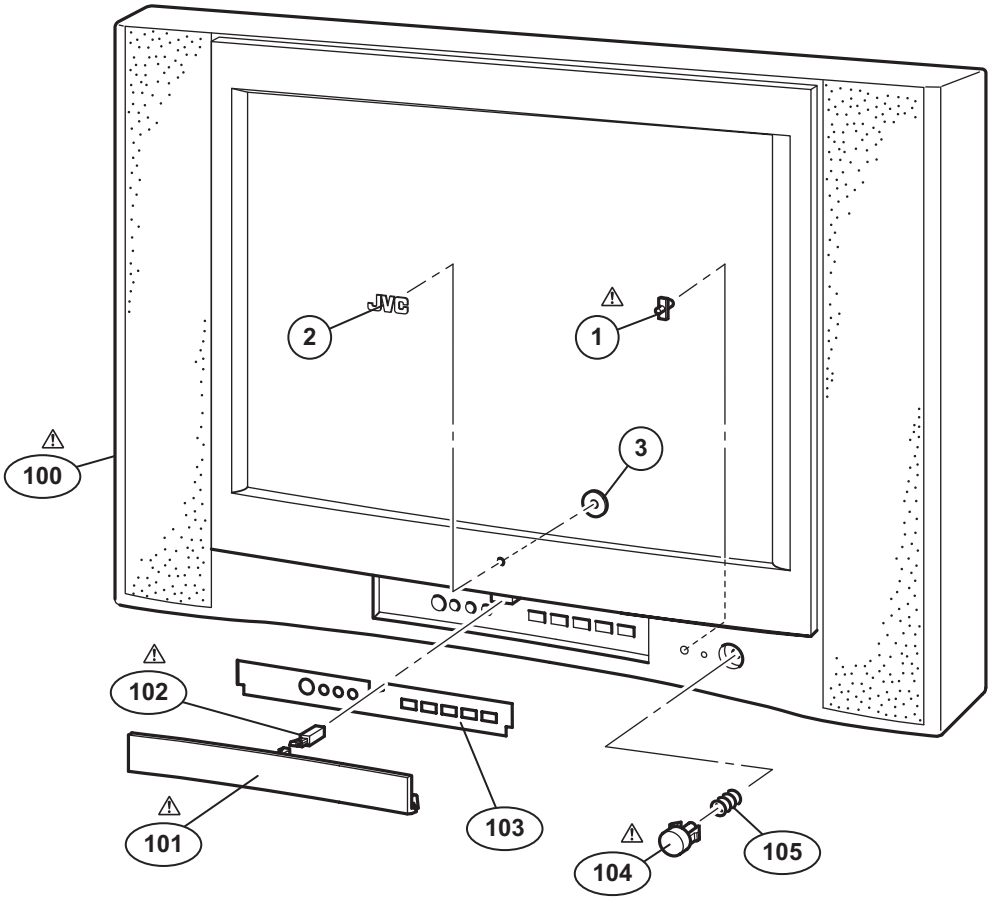
EXPLODED VIEW -2 [AV-32S565/Y]



EXPLODED VIEW PARTS LIST -1 [AV-32S575/Y, AV-32S585/Y]

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC32242-001A-A	RC LENS		AV-32S575/Y,AV-32S585/Y
	2	LC41540-001F	JVC MARK		AV-32S575/Y,AV-32S585/Y
	3	QYNSS2000P	PUSH NUT	M2	AV-32S575/Y,AV-32S585/Y
⚠	100	LC11531-006A-A	FRONT CABINET ASSY	Inc.No.101-105	AV-32S575/Y
⚠	100	LC11531-005A-A	FRONT CABINET ASSY	Inc.No.101-105	AV-32S585/Y
⚠	101	LC21239-002A-A	DOOR	(x0)	AV-32S575/Y,AV-32S585/Y
	102	CM48229-00A-C	DOOR LATCH		AV-32S575/Y,AV-32S585/Y
	103	LC32241-002B-A	OPERATION SHEET		AV-32S575/Y,AV-32S585/Y
⚠	104	LC32240-001A-A	POWER KNOB		AV-32S575/Y,AV-32S585/Y
	105	CM36481-002A-A	SPRING		AV-32S575/Y,AV-32S585/Y

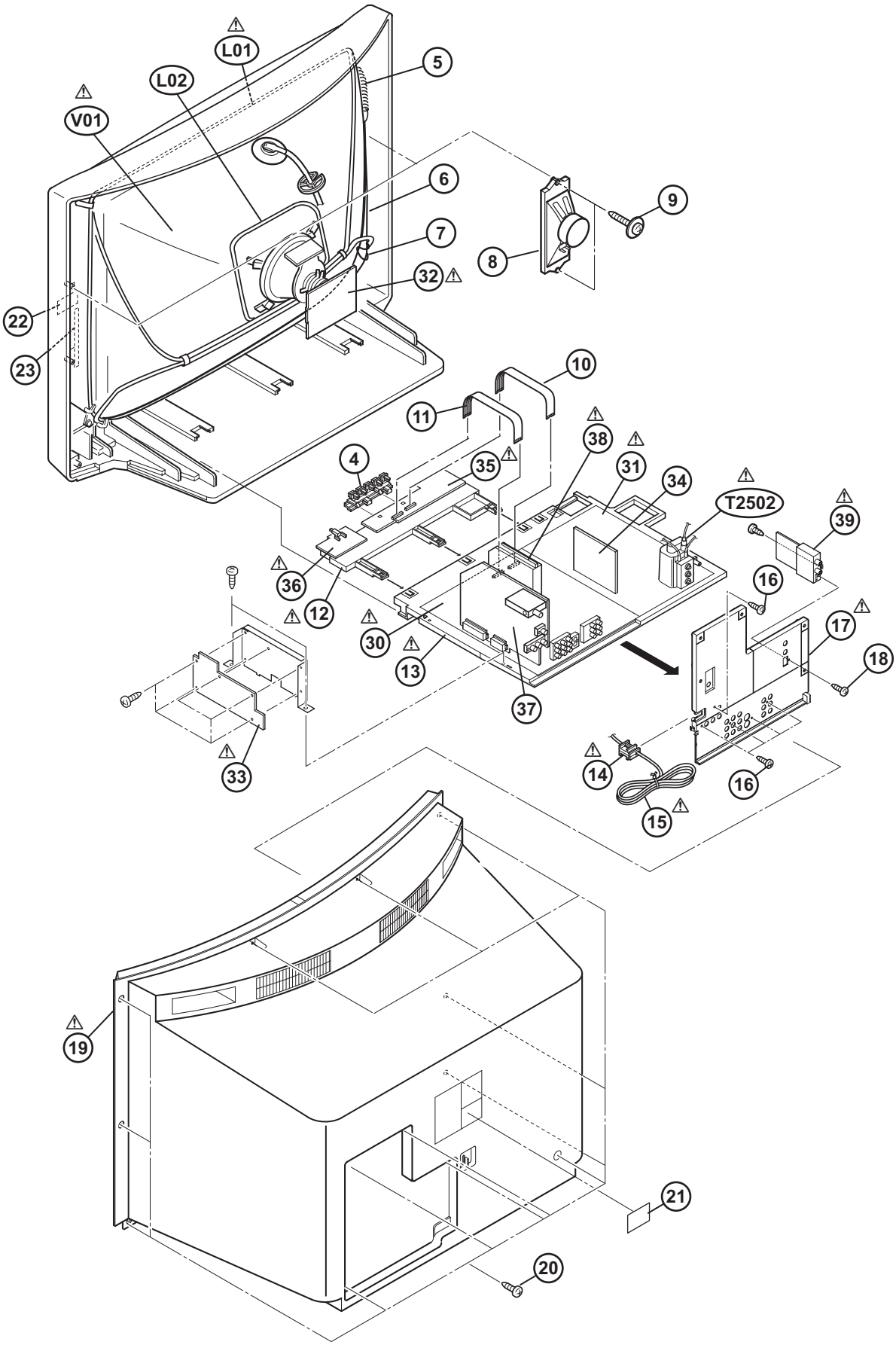
EXPLODED VIEW -1 [AV-32S575/Y, AV-32S585/Y]



EXPLODED VIEW PARTS LIST -2 [AV-32S575/Y, AV-32S585/Y]

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	V01	A80AJZ90X33	PICTURE TUBE(ITC)	Inc.DY, PC MAGNET, WEDGE	AV-32S575/Y,AV-32S585/Y
⚠	L01	QQW0116-001	DEG COIL		AV-32S575/Y,AV-32S585/Y
	L02	QQW0152-001	CANCELLER COIL		AV-32S575/Y,AV-32S585/Y
⚠	T2502	QQH0166-001	FB TRANSF		AV-32S575/Y,AV-32S585/Y
	4	LC21260-001B-A	CONTROL KNOB		AV-32S575/Y,AV-32S585/Y
	5	A48457-4-S	SPRING		AV-32S575/Y,AV-32S585/Y
	6	WJY0016-002A	E-BRAIDED ASSY		AV-32S575/Y,AV-32S585/Y
	7	WJY0013-003A	E-BRAIDED ASSY		AV-32S575/Y,AV-32S585/Y
	8	QAS0232-001	SPEAKER	SP01/SP02(x2)	AV-32S575/Y,AV-32S585/Y
	9	LC41029-001B-A	TAPPING SCREW	(x4)	AV-32S575/Y,AV-32S585/Y
	10	QUQ212-1318CL	FFC WIRE	13pin 18cm	AV-32S575/Y,AV-32S585/Y
	11	QUQ212-2518CL	FFC WIRE	25pin 18cm	AV-32S575/Y,AV-32S585/Y
⚠	12	LC11564-001B-A	CONTROL BASE		AV-32S575/Y,AV-32S585/Y
⚠	13	LC11173-001G-A	CHASSIS BASE		AV-32S575/Y,AV-32S585/Y
⚠	14	LC20106-001D-A	POWER CORD CLAMP		AV-32S575/Y,AV-32S585/Y
⚠	15	QMPD390-200-JS	POWER CORD(US/CA)	2m BLACK	AV-32S575/Y,AV-32S585/Y
	16	QYSBSB3010Z	TAP SCREW	M3 x 10mm(x5)	AV-32S575/Y,AV-32S585/Y
⚠	17	LC11573-006A-A	TERMINAL BOARD		AV-32S575/Y
⚠	17	LC11573-004A-A	TERMINAL BOARD		AV-32S585/Y
	18	QYSDSP3008Z	SCREW	M3 x 8mm	AV-32S575/Y,AV-32S585/Y
⚠	19	LC11533-002B-A	REAR COVER		AV-32S575/Y,AV-32S585/Y
	20	QYSBSFG4016M	TAP SCREW	M4 x 16mm(x13)	AV-32S575/Y,AV-32S585/Y
⚠	21	GQ30032-001A-A	RATING LABEL		AV-32S575/Y,AV-32S585/Y
⚠	22	GQ30034-001B-A	WARNING LABEL		AV-32S575/Y,AV-32S585/Y
	23	CM35757-009-A	STICK SHEET	(x2)	AV-32S575/Y,AV-32S585/Y
⚠	30	SSC-1004A-M2	MAIN PWB		AV-32S575/Y
⚠	30	SSC-1003A-M2	MAIN PWB		AV-32S585/Y
⚠	31	SSC-2003A-M2	POWER & DEF PWB		AV-32S575/Y,AV-32S585/Y
⚠	32	SSC-3003A-M2	CRT SOCKET PWB		AV-32S575/Y,AV-32S585/Y
⚠	33	SSC-9003A-M2	LINE FILTER PWB		AV-32S575/Y,AV-32S585/Y
⚠	34	SSC0H003A-M2	DEF OSC PWB		AV-32S575/Y,AV-32S585/Y
⚠	35	SSC0L003A-M2	FRONT CONTROL PWB		AV-32S575/Y,AV-32S585/Y
⚠	36	SSC0L103A-M2	FRONT SW PWB		AV-32S575/Y,AV-32S585/Y
⚠	37	SSC0R002A-M2	RECEIVER PWB		AV-32S575/Y,AV-32S585/Y
⚠	38	SSC0D003A-M2	MI-COM & DIST MODULE PWB		AV-32S575/Y,AV-32S585/Y
⚠	39	SSC-7802A-M2	DIGITAL INPUT MODULE PWB		AV-32S575/Y
⚠	39	SSC-7801A-M2	DIGITAL INPUT MODULE PWB		AV-32S585/Y

EXPLODED VIEW -2 [AV-32S575/Y, AV-32S585/Y]



PRINTED WIRING BOARD PARTS LIST [AV-32S565/Y]

MAIN P.W. BOARD ASS'Y (SSC-1005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1211	TA1318N	IC		
IC1212	SN74AHC2G08T-X	IC		
IC1301	AN15852A	IC		
IC1501	CXA2069Q	IC		
IC1502	M62320FP-X	IC		
IC1511	PQ033RD01SZ	IC		
IC1661	AN5277	IC		
IC1703	AT24C128-32S565	IC	(SERVICE)	
IC1801	MM1563DF-X	IC		
IC1941	PQ1CG21H2FZ	IC		
IC1942	SI-8050JD-W	IC		
IC1943	PQ1CY1032Z-W	IC		
IC1981	PQ070XH02Z-W	IC		
IC1991	PQ120RDA1SZ	IC		
IC1993	MM1565AF-X	IC		
IC3001	CXA2199Q	IC		
Q0701	2SK2090-X	MOS FET		
Q0702	2SK2090-X	MOS FET		
Q1232	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3837K/NP/-X	TRANSISTOR		
Q1302	2SC3837K/NP/-X	TRANSISTOR		
Q1303	2SC3837K/NP/-X	TRANSISTOR		
Q1511	UN2112-X	DIGI TRANSISTOR		
Q1531	2SC3928A/QR/-X	TRANSISTOR		
Q1668	UN2213-X	DIGI TRANSISTOR		
Q1669	2SC3928A/QR/-X	TRANSISTOR		
Q1671	UN2213-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
Q1674	2SC3928A/QR/-X	TRANSISTOR		
Q1712	2SA1530A/QR/-X	TRANSISTOR		
Q1713	2SC2785/JH/-T	SI TRANSISTOR		
Q1714	2SA1530A/QR/-X	TRANSISTOR		
Q1915	UN2213-X	DIGI TRANSISTOR		
Q1916	UN2213-X	DIGI TRANSISTOR		
Q1961	2SC3928A/QR/-X	TRANSISTOR		
Q1962	2SC3928A/QR/-X	TRANSISTOR		
Q1964	2SC3928A/QR/-X	TRANSISTOR		
Q1965	UN2213-X	DIGI TRANSISTOR		
Q1981	2SC4682-T	TRANSISTOR		
Q1984	2SC4682-T	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SC3928A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3005	2SA1530A/QR/-X	TRANSISTOR		
Q3007	2SC3928A/QR/-X	TRANSISTOR		
Q3008	2SC3928A/QR/-X	TRANSISTOR		
Q3009	2SC3928A/QR/-X	TRANSISTOR		
D1503	MA111-X	SI DIODE		
D1504	MA111-X	SI DIODE		
D1667	MA111-X	SI DIODE		
D1668	MA111-X	SI DIODE		
D1669	MA111-X	SI DIODE		
D1702	MA111-X	SI DIODE		
D1703	MA111-X	SI DIODE		
D1704	MA8100/M/-X	Z DIODE		
D1705	MA8100/M/-X	Z DIODE		
D1712	MA111-X	SI DIODE		
D1801	1SR35-400A-T2	SI DIODE		
D1891	MA8082/M/-X	Z DIODE		
D1892	MA8082/M/-X	Z DIODE		
D1893	MA8051/M/-X	Z DIODE		
D1894	MA8051/M/-X	Z DIODE		
D1940	MA111-X	SI DIODE		
D1947	EC30HA03L-X	SB DIODE		
D1948	EC30HA03L-X	SB DIODE		
D1949	EC30HA03L-X	SB DIODE		
D1962	MA3030/H/-X	Z DIODE		
D1964	MA111-X	SI DIODE		
D1965	MA111-X	SI DIODE		
D1967	PTZ6.8B-X	Z DIODE		
D1968	PTZ3.9B-X	Z DIODE		
D1969	PTZ11B-X	Z DIODE		
D1981	MA111-X	SI DIODE		
D1991	MA111-X	SI DIODE		
D1993	MA111-X	SI DIODE		
D2101	MA8100/M/-X	Z DIODE		
D2121	MA8100/M/-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2204	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2209	MA8100/M/-X	Z DIODE		
D2210	MA8100/M/-X	Z DIODE		
D2212	MA8100/M/-X	Z DIODE		
D2213	MA8100/M/-X	Z DIODE		
D2214	MA8100/M/-X	Z DIODE		
D2215	MA8100/M/-X	Z DIODE		
D2216	MA8100/M/-X	Z DIODE		
D2217	MA8100/M/-X	Z DIODE		
D2218	MA8100/M/-X	Z DIODE		
D2219	MA8100/M/-X	Z DIODE		
D2220	MA8100/M/-X	Z DIODE		
D2402	MA8100/M/-X	Z DIODE		
D2404	MA8100/M/-X	Z DIODE		
D2405	MA8100/M/-X	Z DIODE		
D2421	MA8100/M/-X	Z DIODE		
D2422	MA8100/M/-X	Z DIODE		
D2423	MA8100/M/-X	Z DIODE		
C1213	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1214	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C1215	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
C1216	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1218	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1219	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1301	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1302	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1303	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1304	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1305	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1307	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1311	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1312	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1313	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1321	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1322	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1323	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1324	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1325	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1332	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1333	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1342	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1343	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1351	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1352	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1353	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1355	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1361	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1362	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1363	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1364	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1365	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1371	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1372	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1381	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1382	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1391	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1392	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1403	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	
C1404	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	
C1405	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M	
C1406	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	
C1409	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1412	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1415	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1416	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1417	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1418	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1421	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M	
C1423	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C1430	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1431	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1432	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1433	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1434	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1445	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description Local
C1446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1448	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1449	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1450	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1451	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1501	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1505	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1510	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C1519	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1532	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C1539	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1540	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1551	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1579	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1667	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1668	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1669	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1670	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1671	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1672	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1673	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C1674	QETM1HM-108	E CAPACITOR	1000uF 50V M
C1675	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C1676	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C1677	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1678	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1679	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1680	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1702	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1712	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1802	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1803	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1806	NCB31HK-471X	C CAPACITOR	470pF 50V K
C1941	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C1942	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C1943	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1944	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1945	QEZ0256-228	E CAPACITOR	2200uF 10V M
C1946	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1947	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1948	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1949	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1950	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1951	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C1952	QEZ0256-128	E CAPACITOR	1200uF 10V M
C1953	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M
C1954	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1955	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1958	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1961	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1981	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1984	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1985	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M
C1991	QETN1EM-107Z	E CAPACITOR	100uF 25V M
C1992	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1994	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C1995	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C1996	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2103	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2104	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2106	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2123	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2124	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2126	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2127	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2128	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2144	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2145	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2146	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2301	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2302	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2303	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2321	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2322	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2323	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3001	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3004	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3005	NDC31HJ-120X	C CAPACITOR	12pF 50V J
C3006	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3007	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3009	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C3010	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3011	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3012	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C3013	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3014	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3015	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3017	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C3018	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C3019	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3020	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3022	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C3023	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3024	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3025	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
R0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0705	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0706	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0707	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1202	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1218	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1219	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1220	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1226	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1228	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1229	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1230	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1231	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1232	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1234	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1236	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1301	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1302	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1372	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1375	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1382	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1385	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1395	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1409	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1510	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1511	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1515	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1521	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1525	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1526	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1527	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1528	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1529	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1533	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1534	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1535	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1536	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1537	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1538	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1539	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1547	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1548	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1549	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1562	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1571	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1577	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1578	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1579	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1580	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R1581	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1585	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1658	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1659	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1665	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1666	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1667	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1668	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1669	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1670	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1671	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R1672	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R1673	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R1674	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R1680	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1681	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1682	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1691	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1694	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1695	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1696	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1701	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1712	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1713	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1714	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1891	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1892	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1894	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1896	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1897	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1930	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1932	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1942	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D
R1943	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D
⚠R1944	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R1945	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1946	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1949	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D
R1950	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D
R1952	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1953	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R1957	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D
R1959	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D
R1961	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1962	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1963	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1964	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1965	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1966	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1967	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1968	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1969	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1971	QRT039J-1R0	MF RESISTOR	1Ω 3W J
⚠R1981	QRK126J-181X	UNF C RESISTOR	180Ω 1/2W J
R1982	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R1983	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R1984	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D
R1985	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
⚠R1986	QRK126J-331X	UNF C RESISTOR	330Ω 1/2W J
R1991	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1992	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R2102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2104	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2106	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2122	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2123	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R2126	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2127	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2145	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2146	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2147	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2148	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2302	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2304	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2307	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2308	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2309	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2322	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2325	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2328	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2463	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R3002	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3008	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R3009	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R3011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3013	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R3014	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3015	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3018	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3021	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3023	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R3025	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R3026	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R3027	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3032	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R3033	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R3035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3040	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
L1211	QQL244K-100Z	PEAKING COIL	10uH K
L1301	QQL244K-100Z	PEAKING COIL	10uH K
L1302	QQL244K-100Z	PEAKING COIL	10uH K
L1401	QQL244K-100Z	PEAKING COIL	10uH K
L1402	QQL26AK-100Z	CHOKE COIL	10uH K
L1941	QQR1401-001	CHOKE COIL	
L1942	QQR1401-001	CHOKE COIL	
L1943	QQL26AK-330Z	CHOKE COIL	33uH K
L1944	QQL26AK-330Z	CHOKE COIL	33uH K
L1945	QQL26AK-220Z	CHOKE COIL	22uH K
L1946	QQL26AK-220Z	CHOKE COIL	22uH K
L1947	QQR1401-001	CHOKE COIL	
L1948	QQL26AK-100Z	CHOKE COIL	10uH K
L1949	QQL26AK-220Z	CHOKE COIL	22uH K
L1950	QQL26AK-470Z	CHOKE COIL	47uH K
L1951	QQL26AK-470Z	CHOKE COIL	47uH K
L1952	QQL26AK-470Z	CHOKE COIL	47uH K
L1983	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
L3001	QQL244K-100Z	PEAKING COIL	10uH K
L3002	QQL244K-100Z	PEAKING COIL	10uH K
L3003	QQL244K-100Z	PEAKING COIL	10uH K
CN1001	QGB1506L1-16	CONNECTOR	B-B (1-16)
CN1002	QGB1506L1-16	CONNECTOR	B-B (1-16)
CN1003	QGB1506L1-16	CONNECTOR	B-B (1-16)
CN1005	QGB1505J1-15	CONNECTOR	B-B (1-15)
CN1006	QGB1505J1-25	CONNECTOR	B-B (1-25)
CN1008	QGB1509J1-55	CONNECTOR	B-B (1-55)
CN1009	QGB1509J1-55	CONNECTOR	B-B (1-55)
CN100F	QJB003-041404	SIN ID C-B WIRE	
CN100G	QGF1201C2-25	CONNECTOR	FFC/FPC (1-25)
CN100H	QGF1201C2-13	CONNECTOR	FFC/FPC (1-13)
H1661	LC30145-003A	HEAT SINK/AL-F/	
J2101	QNN0521-001	PIN JACK	V/L/R IN
J2111	QND0104-001	S JACK	S IN
J2121	QNN0535-001	PIN JACK	COMPONENT IN
K1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
K1943	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
K1944	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
LC1301	QQR1199-001	EMI FILTER	
LC1302	QQR1199-001	EMI FILTER	
LC1303	QQR1199-001	EMI FILTER	
LC2321	QQR1199-001	EMI FILTER	
LC2322	QQR1199-001	EMI FILTER	
LC2323	QQR1199-001	EMI FILTER	
SL1211	CSB503F30-T2	C RESONATOR	
X3001	CE41651-001Z	CRYSTAL	
X3002	QAX0529-001	C RESONATOR	500.00kHz

POWER & DEF P.W. BOARD ASS'Y (SSC-2003A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC2402	STV9380	IC	
IC2911	STR-X6737M-F2	IC	
IC2921	SE140N	IC	
IC2922	L7805CP	IC	
Q2401	KTC3199/YG/-T	TRANSISTOR	
Q2402	KTC3199/YG/-T	TRANSISTOR	
Q2501	KTC3199/YG/-T	TRANSISTOR	
Q2502	2SC1627A/Y/-T	TRANSISTOR	
⚠Q2503	2SC5905-RL	POW TRANSISTOR	
Q2521	KTC3199/YG/-T	TRANSISTOR	
Q2531	RDN080N25	POWER MOS FET	
Q2532	2SC1959/Y/-T	TRANSISTOR	
Q2533	2SA562TM/Y/-T	TRANSISTOR	
Q2921	KTC3199/YG/-T	TRANSISTOR	
Q2922	KTC3199/YG/-T	TRANSISTOR	
Q2923	KTC3199/YG/-T	TRANSISTOR	
Q2924	KTC3199/YG/-T	TRANSISTOR	
Q2925	KTC3199/YG/-T	TRANSISTOR	
Q2926	KTC3199/YG/-T	TRANSISTOR	
Q2927	2SA965/OY/-T	TRANSISTOR	
Q2928	KTC3199/YG/-T	TRANSISTOR	
Q2941	KTC3199/YG/-T	TRANSISTOR	
Q2971	2SA1208/ST/Z1-T	TRANSISTOR	
D2201	1SR35-400A-T2	SI DIODE	
D2403	1SS133-T2	SI DIODE	
D2404	MTZJ6.8A-T2	Z DIODE	
D2405	1SS133-T2	SI DIODE	
D2406	MTZJ3.3A-T2	Z DIODE	
D2408	1SS133-T2	SI DIODE	
D2501	RG2A-LFC4	SI DIODE	
D2502	1SS133-T2	SI DIODE	
D2504	RG2A-LFC4	SI DIODE	
D2506	FMV-3FU-F1	SI DIODE	
D2521	MTZJ12C-T2	Z DIODE	
D2522	1SS244-T2	SI DIODE	
D2531	RGP10J-04TS-T3	SI DIODE	
D2561	MA4068N/Z1/-T2	Z DIODE	
D2801	RGP10J-04TS-T3	SI DIODE	
D2802	RGP10J-04TS-T3	SI DIODE	
D2803	RH1S-LFA1	SI DIODE	
D2812	1SR124-400A-T2	SI DIODE	
⚠D2901	RBV-606	BRIDGE DIODE	
D2906	1SR35-400A-T2	SI DIODE	
⚠D2911	RGP10J-04TS-T3	SI DIODE	
D2912	AU01Z-T2	FR DIODE	
D2913	AU01Z-T2	FR DIODE	
D2914	1SS133-T2	SI DIODE	
D2915	SARS01-T2	SI DIODE	
D2917	MTZJ33B-T2	Z DIODE	
D2920	MTZJ5.6B-T2	Z DIODE	
D2921	MTZJ33B-T2	Z DIODE	
D2922	MTZJ11A-T2	Z DIODE	
D2923	1SS133-T2	SI DIODE	
D2924	1SS133-T2	SI DIODE	
D2925	MTZJ6.8C-T2	Z DIODE	
D2926	1SS133-T2	SI DIODE	
D2928	RGP10J-04TS-T3	SI DIODE	
D2929	1SS133-T2	SI DIODE	
D2930	1SS133-T2	SI DIODE	
D2931	31DF6N-FC5	FR DIODE	
D2932	RU3AM-LFC4	SI DIODE	
D2934	31DF6N-FC5	FR DIODE	
D2935	RU3YX-LFC4	SI DIODE	
D2936	FMX-G12S	SI DIODE	
D2941	MTZJ33B-T2	Z DIODE	
D2944	1SS133-T2	SI DIODE	
D2945	1SS133-T2	SI DIODE	
D2946	1SS133-T2	SI DIODE	
D2947	1SS133-T2	SI DIODE	
D2972	MTZJ15B-T2	Z DIODE	
D2973	1SS133-T2	SI DIODE	
D2975	MTZJ3.3B-T2	Z DIODE	
D2978	AU01Z-T2	FR DIODE	
C2201	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J
C2401	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C2402	QFN31HJ-102Z	M CAPACITOR	1000pF 50V J
C2407	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C2408	QFVM2AJ-474Z	MF CAPACITOR	0.47uF 100V J
C2409	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C2411	QCB31HK-222Z	C CAPACITOR	2200pF 50V K
C2412	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C2420	QFVM2AJ-474Z	MF CAPACITOR	0.47uF 100V J
C2421	QFVM2AJ-224Z	MF CAPACITOR	0.22uF 100V J
C2422	QCB32HK-561Z	C CAPACITOR	560pF 500V K
C2423	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C2424	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C2425	QFN31HJ-472Z	M CAPACITOR	4700pF 50V J
C2426	QFVM2AJ-224Z	MF CAPACITOR	0.22uF 100V J
C2429	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C2430	QCS31HJ-471Z	C CAPACITOR	470pF 50V J
C2431	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C2432	QCS31HJ-151Z	C CAPACITOR	150pF 50V J
C2433	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C2434	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C2435	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C2501	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C2502	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J
C2503	QEM61HK-106Z	E CAPACITOR	10uF 50V K
C2504	QCB32HK-152Z	C CAPACITOR	1500pF 500V K
C2505	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
C2506	QFZ0122-682	MPP CAPACITOR	6800pF 1.8kV H
C2507	QFZ0122-682	MPP CAPACITOR	6800pF 1.8kV H
C2508	QFP32JJ-153	PP CAPACITOR	0.015uF 630V J
C2509	QFZ0197-104	MPP CAPACITOR	0.1uF 250V J
C2510	QFZ0197-154	MPP CAPACITOR	0.15uF 250V J
C2511	QFZ0128-204	MPP CAPACITOR	0.2uF DC400V H
C2512	QFZ0128-184	MPP CAPACITOR	0.18uF DC400V H
C2513	QEZ0414-226	BP E CAPACITOR	22uF 50V M
C2514	QCS32HJ-561	C CAPACITOR	560pF 500V J
C2521	QCZ0340-331	C CAPACITOR	330pF 2kV K
C2522	QRE141J-0R0Y	C RESISTOR	0Ω 1/4W J
C2523	QFN32AJ-682Z	M CAPACITOR	6800pF 100V J
C2524	QCS32HJ-470Z	C CAPACITOR	47pF 500V J
C2525	QFN31HJ-682Z	M CAPACITOR	6800pF 50V J
C2526	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C2533	QCS32HJ-561	C CAPACITOR	560pF 500V J
C2534	QFN32DK-222Z	M CAPACITOR	2200pF 200V K
C2536	QFN32DK-472Z	M CAPACITOR	4700pF 200V K
C2591	QEZ0203-107	E CAPACITOR	100uF 160V M
C2701	QFLC2AJ-333Z	M CAPACITOR	0.033uF 100V J
C2801	QETM1EM-228	E CAPACITOR	2200uF 25V M
C2802	QETM1EM-228	E CAPACITOR	2200uF 25V M
C2803	QETN2EM-106Z	E CAPACITOR	10uF 250V M
C2811	QETN1JM-107Z	E CAPACITOR	100uF 63V M
⚠C2904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C2905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
⚠C2906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C2907	QEZ0569-827	E CAPACITOR	820uF 200V M
⚠C2908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z
C2909	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C2911	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C2912	QCZ0340-152	C CAPACITOR	1500pF 2kV K
C2913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J
C2914	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C2917	QFN31HJ-472Z	M CAPACITOR	4700pF 50V J
C2919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J
C2922	QFLC1HJ-563Z	M CAPACITOR	0.056uF 50V J
C2923	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C2924	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
C2930	QCS31HJ-181Z	C CAPACITOR	180pF 50V J
C2931	QEZ0203-227	E CAPACITOR	220uF 160V M
C2932	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C2933	QETM1VM-228	E CAPACITOR	2200uF 35V M
C2934	QEZ0257-228	E CAPACITOR	2200uF 25V M
C2935	QEHQ1HM-108	E CAPACITOR	1000uF 50V M
C2937	QCZ0340-102	C CAPACITOR	1000pF 2kV K
C2939	QCB32HK-222Z	C CAPACITOR	2200pF 500V K
C2940	QCB32HK-222Z	C CAPACITOR	2200pF 500V K
C2942	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C2943	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C2947	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C2948	QETN1HM-336Z	E CAPACITOR	33uF 50V M

⚠Ref No.	Part No.	Part Name	Description Local
C2951	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C2959	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C2971	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C2972	QETN1HM-476Z	E CAPACITOR	47uF 50V M
C2973	QETN1HM-106Z	E CAPACITOR	10uF 50V M
⚠C2991	QFZ9078-104	MPP CAPACITOR	0.1uF 275V M
⚠C2993	QCZ9074-472	C CAPACITOR	4700pF AC250V M
⚠C2994	QCZ9074-472	C CAPACITOR	4700pF AC250V M
⚠C2995	QCZ9074-472	C CAPACITOR	4700pF AC250V M
⚠C2997	QCZ9074-472	C CAPACITOR	4700pF AC250V M
⚠C2998	QCZ9074-472	C CAPACITOR	4700pF AC250V M
⚠C2999	QCZ9074-472	C CAPACITOR	4700pF AC250V M
R2201	QRA14CF-1003Y	CMF RESISTOR	100kΩ 1/4W F
R2202	QRA14CF-5603Y	CMF RESISTOR	560kΩ 1/4W F
R2203	QRA14CF-5603Y	CMF RESISTOR	560kΩ 1/4W F
R2401	QRE141J-562Y	C RESISTOR	5.6kΩ 1/4W J
R2404	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J
R2405	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J
R2406	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J
R2407	QRE141J-821Y	C RESISTOR	820Ω 1/4W J
R2408	QRE141J-331Y	C RESISTOR	330Ω 1/4W J
R2409	QRL029J-331	OMF RESISTOR	330Ω 2W J
R2410	QRT029J-1R0	MF RESISTOR	1Ω 2W J
R2411	QRE121J-1R5Y	C RESISTOR	1.5Ω 1/2W J
R2412	QRE141J-822Y	C RESISTOR	8.2kΩ 1/4W J
R2413	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J
R2415	QRE141J-154Y	C RESISTOR	150kΩ 1/4W J
R2416	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J
R2418	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J
R2420	QRE141J-101Y	C RESISTOR	100Ω 1/4W J
R2421	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J
R2440	QRG01GJ-221	OMF RESISTOR	220Ω 1W J
R2441	QRE121J-151Y	C RESISTOR	150Ω 1/2W J
R2442	QRE121J-151Y	C RESISTOR	150Ω 1/2W J
R2443	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J
R2444	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J
R2445	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J
R2502	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J
R2503	QRE121J-151Y	C RESISTOR	150Ω 1/2W J
R2504	QRE141J-100Y	C RESISTOR	10Ω 1/4W J
R2505	QRL039J-100	OMF RESISTOR	10Ω 3W J
R2506	QRL039J-100	OMF RESISTOR	10Ω 3W J
R2507	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R2508	QRT039J-1R0	MF RESISTOR	1Ω 3W J
R2509	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
R2512	QRL029J-821	OMF RESISTOR	820Ω 2W J
R2521	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J
R2522	QRE141J-563Y	C RESISTOR	56kΩ 1/4W J
R2523	QRE141J-822Y	C RESISTOR	8.2kΩ 1/4W J
R2524	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J
R2525	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J
R2526	QRE141J-470Y	C RESISTOR	47Ω 1/4W J
R2531	QRL029J-182	OMF RESISTOR	1.8kΩ 2W J
R2533	QRL029J-820	OMF RESISTOR	82Ω 2W J
R2534	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J
R2535	QRE141J-470Y	C RESISTOR	47Ω 1/4W J
R2536	QRE141J-470Y	C RESISTOR	47Ω 1/4W J
R2541	QRL039J-472	OMF RESISTOR	4.7kΩ 3W J
⚠R2561	QRA14CF-7871Y	CMF RESISTOR	7.87kΩ 1/4W F
⚠R2562	QRA14CF-1501Y	CMF RESISTOR	1.5kΩ 1/4W F
⚠R2565	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J
R2591	QRZ0227-3R3	UNF WW RESISTOR	3.3Ω 10 K
R2701	QRL039J-220	OMF RESISTOR	22Ω 3W J
R2702	QRE121J-123Y	C RESISTOR	12kΩ 1/2W J
R2703	QRZ0056-103Z	COMP RESISTOR	10kΩ 1/2W K
R2901	QRF154K-1R0	UNF WW RESISTOR	1Ω 15W K
R2902	QRG01GJ-470	OMF RESISTOR	47Ω 1W J
R2904	QRE121J-124Y	C RESISTOR	120kΩ 1/2W J
R2909	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J
R2911	QRL029J-333	OMF RESISTOR	33kΩ 2W J
R2912	QRT029J-R15	MF RESISTOR	0.15Ω 2W J
R2913	QRT029J-R18	MF RESISTOR	0.18Ω 2W J
⚠R2914	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J
R2915	QRE121J-330Y	C RESISTOR	33Ω 1/2W J
⚠R2917	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R2918	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R2920	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J
R2921	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
R2922	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J
R2923	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
R2924	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
R2925	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J
R2926	QRA14CF-1002Y	CMF RESISTOR	10kΩ 1/4W F
R2927	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J
R2928	QRA14CF-8200Y	CMF RESISTOR	820Ω 1/4W F
R2929	QRA14CF-2701Y	CMF RESISTOR	2.7kΩ 1/4W F

⚠Ref No.	Part No.	Part Name	Description Local
R2930	QRE141J-221Y	C RESISTOR	220Ω 1/4W J
R2931	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J
R2932	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J
R2933	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
R2934	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
R2936	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
R2937	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J
R2938	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J
R2939	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J
R2940	QRE121J-560Y	C RESISTOR	56Ω 1/2W J
R2942	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
R2943	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J
R2944	QRE141J-122Y	C RESISTOR	1.2kΩ 1/4W J
R2945	QRE141J-272Y	C RESISTOR	2.7kΩ 1/4W J
R2946	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J
R2949	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
R2950	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J
R2955	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J
R2956	QRE141J-124Y	C RESISTOR	120kΩ 1/4W J
R2957	QRE121J-683Y	C RESISTOR	68kΩ 1/2W J
R2958	QRE121J-683Y	C RESISTOR	68kΩ 1/2W J
R2959	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
R2961	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R2964	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J
R2972	QRA14CF-1201Y	CMF RESISTOR	1.2kΩ 1/4W F
R2973	QRE121J-822Y	C RESISTOR	8.2kΩ 1/2W J
R2975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R2977	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J
R2978	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J
R2982	QRG01GJ-220	OMF RESISTOR	22Ω 1W J
⚠R2999	QRZ0111-685	C RESISTOR	6.8MΩ 1/2W K
L2401	QQR1343-003	CHOKE COIL	
L2501	QQLZ025-180	CHOKE COIL	18uH
L2502	QQR1408-001	CHOKE COIL	
L2504	QQR1149-004	LINEARITY COIL	
L2531	QQLZ036-222	COIL	2.2mH J
L2701	QQLZ036-222	COIL	2.2mH J
L2931	QQL26AK-330Z	CHOKE COIL	33uH K
L2933	QQL26AK-330Z	CHOKE COIL	33uH K
L2934	QQLZ026-260	COIL	26uH ±7%
L2936	QQL26AK-330Z	CHOKE COIL	33uH K
T2501	QQR1424-001	DRIVE TRANSF	
T2701	QQR1342-001	DAF TRANSF	
⚠T2921	QQS0282-001	SW TRANSF	
CN2001	QGB1506M1-16	CONNECTOR	B-B (1-16)
CN2002	QGB1506M1-16	CONNECTOR	B-B (1-16)
CN2003	QGB1506M1-16	CONNECTOR	B-B (1-16)
CN200L	CE41507-001P	LV CONNECTOR	
CN2010	QGB1505J1-35	CONNECTOR	B-B (1-35)
CN20E3	CE41507-001P	LV CONNECTOR	
CN20HV	QGZ8005C1-06	CONNECTOR	(1-6)
⚠CP2934	ICP-N70-T	IC PROTECTOR	2.5A
⚠CP2944	ICP-N70-T	IC PROTECTOR	2.5A
⚠F2905	QMFZ049-5R0Z-E	FUSE	5A 125V
⚠FR2801	QRZ9011-3R3	FUSI RESISTOR	3.3Ω 1/2W J
⚠FR2802	QRZ9011-3R3	FUSI RESISTOR	3.3Ω 1/2W J
⚠FR2803	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J
⚠FR2804	QRT029J-R56	MF RESISTOR	0.56Ω 2W J
⚠FR2811	QRZ9011-4R7	FUSI RESISTOR	4.7Ω 1/2W J
H2503	LC31813-001A	HEAT SINK	
H2506	LC30521-001A	HEAT SINK/AL-F/	
H2531	CEHT11B-002QS	HEAT SINK	
H2901	LC31682-001A	HEAT SINK/FE-P/	
H2911	LC31211-001A	HEAT SINK/AL-F/	
K2512	QQR0621-002Z	FERRITE BEADS	
K2915	QQR0621-002Z	FERRITE BEADS	
K2918	QQR0621-002Z	FERRITE BEADS	
K2920	QQR1139-001	FERRITE BEADS	
K2930	QQR0621-002Z	FERRITE BEADS	
K2931	QQR0621-002Z	FERRITE BEADS	
K2935	QQR0621-002Z	FERRITE BEADS	
K2936	QQR0621-002Z	FERRITE BEADS	
K2938	QQR0621-002Z	FERRITE BEADS	
K2939	QQR0621-002Z	FERRITE BEADS	
⚠PC2921	PC123Y22FZ	PHOTO COUPLER	
⚠PC2922	PC123Y22FZ	PHOTO COUPLER	
⚠RY2931	QSK0083-001	RELAY	
⚠RY2941	QSK0083-001	RELAY	
⚠TH2901	QAD0129-3R0	POSISTOR	3Ω

CRT SOCKET P.W. BOARD ASS'Y (SSC-3003A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC3101	TDA6111Q	IC	
IC3201	TDA6111Q	IC	
IC3301	TDA6111Q	IC	
Q3051	2SC3928A/QR/-X	TRANSISTOR	
Q3052	2SC3928A/QR/-X	TRANSISTOR	
Q3701	2SC1906-T	TRANSISTOR	
Q3702	2SA1005/MLK/-T	TRANSISTOR	
Q3703	2SC1959/Y/-T	TRANSISTOR	
Q3704	2SA562TM/Y/-T	TRANSISTOR	
Q3705	2SJ407	POWER MOS FET	
Q3706	2SK2381	POWER MOS FET	
D3009	RM2C-LFA1	SI DIODE	
D3101	1SS244-T2	SI DIODE	
D3103	MA8150/M/-X	Z DIODE	
D3201	1SS244-T2	SI DIODE	
D3203	MA8150/M/-X	Z DIODE	
D3301	1SS244-T2	SI DIODE	
D3303	MA8150/M/-X	Z DIODE	
D3701	1SS355-X	SI DIODE	
D3702	RGP10J-04TS-T3	SI DIODE	
D3703	RGP10J-04TS-T3	SI DIODE	
C3002	QETN2EM-106Z	E CAPACITOR	10uF 250V M
C3004	QETN1CM-476Z	E CAPACITOR	47uF 16V M
⚠C3009	QFZ9027-103	MM CAPACITOR	0.01uF 1000V K
C3011	QETN2EM-106Z	E CAPACITOR	10uF 250V M
C3101	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C3102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3103	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3106	QFK62EK-104Z	MM CAPACITOR	0.1uF 250V K
C3107	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C3201	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C3202	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3203	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3205	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C3206	QFK62EK-104Z	MM CAPACITOR	0.1uF 250V K
C3207	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C3210	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3301	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C3302	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3303	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3304	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3305	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C3306	QFK62EK-104Z	MM CAPACITOR	0.1uF 250V K
C3307	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C3701	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C3702	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C3703	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3704	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C3707	QFN32DK-103	M CAPACITOR	0.01uF 200V K
C3708	QFN32DK-103	M CAPACITOR	0.01uF 200V K
C3709	QETN2CM-105Z	E CAPACITOR	1uF 160V M
C3710	QETN2CM-226Z	E CAPACITOR	22uF 160V M
C3711	QETN2CM-226Z	E CAPACITOR	22uF 160V M
C3712	QFN31HJ-222Z	M CAPACITOR	2200pF 50V J
C3713	QFN31HJ-222Z	M CAPACITOR	2200pF 50V J
C3716	QCS32HJ-330Z	C CAPACITOR	33pF 500V J
C3717	QFN32DK-103	M CAPACITOR	0.01uF 200V K
C3718	QFN32DK-103	M CAPACITOR	0.01uF 200V K
C3719	QCB32HK-103	C CAPACITOR	0.01uF 500V K
C3720	QCB32HK-102Z	C CAPACITOR	1000pF 500V K
R3009	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
R3010	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D
R3011	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D
R3012	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D
R3028	QRC122K-102	COMP RESISTOR	1kΩ 1/2W K
R3029	QRE121J-105Y	C RESISTOR	1MΩ 1/2W J
R3030	QRL029J-823	OMF RESISTOR	82kΩ 2W J
R3052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R3053	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R3054	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R3055	QRE141J-681Y	C RESISTOR	680Ω 1/4W J
R3101	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3103	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3104	QRL039J-473	OMF RESISTOR	47kΩ 3W J
R3107	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3108	QRC121K-561Z	COMP RESISTOR	560Ω 1/2W K
R3201	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3202	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R3203	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3204	QRL039J-473	OMF RESISTOR	47kΩ 3W J
R3207	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3208	QRC121K-561Z	COMP RESISTOR	560Ω 1/2W K
R3301	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R3302	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3303	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3304	QRL039J-473	OMF RESISTOR	47kΩ 3W J
R3307	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R3308	QRC121K-561Z	COMP RESISTOR	560Ω 1/2W K
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3702	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R3703	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R3704	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3705	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R3706	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R3707	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
⚠R3710	QRJ146J-182X	UNF C RESISTOR	1.8kΩ 1/4W J
R3711	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R3712	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
⚠R3713	QRJ146J-182X	UNF C RESISTOR	1.8kΩ 1/4W J
⚠R3714	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J
⚠R3715	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J
R3716	QRG01GJ-150	OMF RESISTOR	15Ω 1W J
R3719	QRG01GJ-180	OMF RESISTOR	18Ω 1W J
R3720	QRL039J-330	OMF RESISTOR	33Ω 3W J
R3721	QRL039J-330	OMF RESISTOR	33Ω 3W J
R3722	QRL039J-330	OMF RESISTOR	33Ω 3W J
R3724	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3727	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R3728	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
L3001	QQL26AJ-102Z	PEAKING COIL	1mH J
L3002	QQL26AJ-102Z	PEAKING COIL	1mH J
L3003	QQL26AJ-102Z	PEAKING COIL	1mH J
L3004	QQL26AJ-102Z	PEAKING COIL	1mH J
L3101	QQL244K-5R6Z	PEAKING COIL	5.6uH K
L3201	QQL244K-5R6Z	PEAKING COIL	5.6uH K
L3301	QQL244K-5R6Z	PEAKING COIL	5.6uH K
CN300A	QJB003-043814	SIN ID C-B WIRE	
CN300E	WJK0164-001A	E-SI C WIRE C-B	
CN300J	QJB003-064011	SIN ID C-B WIRE	
CN30E2	QUB130-46A6AS	SIN TWIST WIRE	
H3101	LC31150-002A	HEAT SINK/AL-F1	
H3201	LC31150-002A	HEAT SINK/AL-F1	
H3301	LC31150-002A	HEAT SINK/AL-F1	
H3705	CEHS12B-002Q	HEAT SINK	
H3706	CEHS12B-002Q	HEAT SINK	
K3701	QQR1114-001Z	FERRITE BEADS	
K3702	QQR0582-001Z	FERRITE BEADS	
SG3101	QAF0056-501Z	SURGE ABSORBER	500V M
SG3201	QAF0056-501Z	SURGE ABSORBER	500V M
SG3301	QAF0056-501Z	SURGE ABSORBER	500V M
⚠SK3001	QNZ0634-001	CRT SOCKET	

LINE FILTER P.W. BOARD ASS'Y (SSC-9003A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
⚠C9901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C9901	QFZ9075-104	MPP CAPACITOR	0.1uF AC275V M
⚠C9901	QFZ9078-104	MPP CAPACITOR	0.1uF 275V M
⚠C9902	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K
⚠C9902	QFZ9075-104	MPP CAPACITOR	0.1uF AC275V M
⚠C9902	QFZ9078-104	MPP CAPACITOR	0.1uF 275V M
⚠R9901	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K
⚠F9901	QMF61U1-7R0-S	FUSE	7A AC125V
K9901	QQR0621-002Z	FERRITE BEADS	
⚠LF9901	QQR1407-002	LINE FILTER	
⚠LF9902	QQR1407-002	LINE FILTER	
⚠VA9901	ERZV10V621CS	ZNR	

DEF OSC P.W. BOARD ASS'Y (SSC0H003A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC0101	LA7860M-X	IC	
IC0102	BA12FP-X	IC	
IC0161	AN5441SA-W	IC	
IC0162	BA10393F-XE	IC	
IC0163	AN7805F	IC	
IC0212	CXA1875AM-X	IC	
Q0101	2SC3928A/QR/-X	TRANSISTOR	
Q0102	2SC3928A/QR/-X	TRANSISTOR	
Q0131	2SC3928A/QR/-X	TRANSISTOR	
Q0132	2SC3928A/QR/-X	TRANSISTOR	
Q0162	2SC3928A/QR/-X	TRANSISTOR	
Q0167	2SC3928A/QR/-X	TRANSISTOR	
Q0168	2SC3928A/QR/-X	TRANSISTOR	
Q0751	2SC3928A/QR/-X	TRANSISTOR	
Q0752	2SC3928A/QR/-X	TRANSISTOR	
Q0753	2SC4632	POW TRANSISTOR	
D0164	1SS355-X	SI DIODE	
D0165	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
D0170	1SS355-X	SI DIODE	
D0171	1SS355-X	SI DIODE	
D0221	1SS355-X	SI DIODE	
D0222	1SS355-X	SI DIODE	
D0223	MA8051/L/-X	Z DIODE	
D0751	ES1F-LFG2	SI DIODE	
D0752	ES1F-LFG2	SI DIODE	
C0102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0103	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0104	NDC31HJ-561X	C CAPACITOR	560pF 50V J
C0106	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C0107	NDC21HJ-122X	C CAPACITOR	1200pF 50V J
C0108	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C0109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0110	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C0111	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C0112	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C0113	NDC21HJ-122X	C CAPACITOR	1200pF 50V J
C0114	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C0115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C0116	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0117	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C0118	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0119	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C0120	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C0121	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C0122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0123	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0131	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C0132	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C0133	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J
C0134	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C0135	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C0136	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C0137	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C0138	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C0161	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C0162	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0163	QETN1AM-477Z	E CAPACITOR	470uF 10V M
C0164	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0165	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0166	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C0167	QFN31HJ-332Z	M CAPACITOR	3300pF 50V J
C0168	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0169	NCB31CK-103X	C CAPACITOR	0.01uF 16V K
C0170	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0171	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J
C0172	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J
C0173	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C0175	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C0176	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J
C0178	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C0189	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C0212	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C0221	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C0222	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C0751	QFLC1HJ-563Z	M CAPACITOR	0.056uF 50V J
C0752	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C0753	QFZ0196-103	MPP CAPACITOR	0.01uF 1.5kV H
C0761	QFZ0122-682	MPP CAPACITOR	6800pF 1.8kV H
R0101	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0103	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R0104	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0105	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R0106	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R0107	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0109	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R0110	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R0111	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D
R0112	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D
R0113	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D
R0114	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0116	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D
R0117	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0120	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
R0121	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R0122	QRG01GJ-470	OMF RESISTOR	47Ω 1W J
R0123	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0127	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0129	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D
R0131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0133	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
R0134	NRSA63D-334X	MG RESISTOR	330kΩ 1/16W D
R0137	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0139	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R0140	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0142	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0143	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0161	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0162	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0163	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0164	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0167	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0168	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0169	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0170	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0171	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R0172	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0174	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0175	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0176	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R0177	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R0178	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R0179	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D
R0180	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D
R0182	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0183	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0184	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D
R0185	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R0186	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0187	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R0188	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D
R0189	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0190	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R0216	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0217	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0222	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R0223	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0224	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R0227	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R0230	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R0321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0751	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R0752	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0753	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R0754	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0755	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R0756	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R0757	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R0761	QRE121J-184Y	C RESISTOR	180kΩ 1/2W J
R0762	QRE121J-184Y	C RESISTOR	180kΩ 1/2W J
R0763	QRE121J-184Y	C RESISTOR	180kΩ 1/2W J
R0764	QRE121J-184Y	C RESISTOR	180kΩ 1/2W J
R0765	QRE121J-184Y	C RESISTOR	180kΩ 1/2W J
L0101	QQL244K-470Z	PEAKING COIL	47uH K
L0103	NQL092K-100X	COIL	10uH K
L0104	NQL092K-100X	COIL	10uH K
L0105	QQL244K-470Z	PEAKING COIL	47uH K
CN000L	QUB572-20FXPP	SIN TWIST WIRE	
CN0010	QGB1505K1-35	CONNECTOR	B-B (1-35)

RECEIVER P.W. BOARD ASS'Y (SSC0R003A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC1101	L7805CP	IC	
IC1140	CXA2205Q-X	IC	
Q1101	2SA1530A/QR/-X	TRANSISTOR	
Q1102	2SC3928A/QR/-X	TRANSISTOR	
Q1252	2SA1530A/QR/-X	TRANSISTOR	
Q1253	2SC3928A/QR/-X	TRANSISTOR	
Q1254	2SA1530A/QR/-X	TRANSISTOR	
Q1255	2SC3928A/QR/-X	TRANSISTOR	
D1140	MA8100/M/-X	Z DIODE	
D1141	MA8100/M/-X	Z DIODE	
D1145	MA8082/M/-X	Z DIODE	
D1146	MA8082/M/-X	Z DIODE	
D1251	MA8100/M/-X	Z DIODE	
D1252	MA8100/M/-X	Z DIODE	
C1101	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1102	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1144	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1145	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C1146	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1147	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1148	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1149	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1150	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1151	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1152	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1153	NCB31HK-562X	C CAPACITOR	5600pF 50V K
C1154	NCB31HK-123X	C CAPACITOR	0.012uF 50V K
C1155	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1156	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1157	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1158	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1159	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1160	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1161	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1162	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1163	NCB31HK-272X	C CAPACITOR	2700pF 50V K
C1164	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1165	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
C1166	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1167	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1168	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1169	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1170	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1171	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1257	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1258	QETN1HM-105Z	E CAPACITOR	1uF 50V M
R0005	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0006	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R0007	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0008	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R1101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1105	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1107	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1111	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1140	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J
R1141	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1142	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1143	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R1144	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1145	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1146	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1147	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D
R1149	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1151	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J
R1152	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1157	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1158	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1261	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1262	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1264	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1266	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1267	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1268	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1269	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
CN0005	QGB1505K1-15	CONNECTOR	B-B (1-15)
CN0006	QGB1505K1-25	CONNECTOR	B-B (1-25)
J0002	QNN0626-001	PIN JACK	L/R OUT
⚠TU1101	QAU0352-002	TUNER	

FRONT CONTROL P.W. BOARD ASS'Y (SSC0L003A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
Q1901	2SC3928A/QR/-X	TRANSISTOR	
Q1902	2SC1815/YG/-T	TRANSISTOR	
Q1903	2SC3928A/QR/-X	TRANSISTOR	
Q1904	2SC1815/YG/-T	TRANSISTOR	
D1402	MA8100/M/-X	Z DIODE	
D1403	MA8100/M/-X	Z DIODE	
D1404	MA8100/M/-X	Z DIODE	
D1405	MA8100/M/-X	Z DIODE	
D1406	MA8100/M/-X	Z DIODE	
D1735	MA8100/M/-X	Z DIODE	
C1442	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1443	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1444	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1445	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1703	QETN1CM-106Z	E CAPACITOR	10uF 16V M
C1704	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1901	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1902	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
R1401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R1403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R1404	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R1411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1412	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1417	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1418	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1419	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1420	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1732	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1748	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1749	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1750	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1751	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1901	QRE121J-680Y	C RESISTOR	68Ω 1/2W J
R1902	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1903	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1904	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1905	QRE121J-680Y	C RESISTOR	68Ω 1/2W J
R1906	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1907	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
CN100G	QGF1201C2-25	CONNECTOR	FFC/FPC (1-25)
CN100H	QGF1201C2-13	CONNECTOR	FFC/FPC (1-13)
CN100Z	QJB003-060806	SIN ID C-B WIRE	
J1401	QNZ0453-001	AV JACK	S/V/L/R IN
LC1402	QQR1199-001	EMI FILTER	
LC1403	QQR1199-001	EMI FILTER	
S1702	QSW0619-003Z	TACT SWITCH	MENU
S1703	QSW0619-003Z	TACT SWITCH	CH-
S1704	QSW0619-003Z	TACT SWITCH	CH+
S1705	QSW0619-003Z	TACT SWITCH	VOL+
S1706	QSW0619-003Z	TACT SWITCH	VOL-

FRONT SW P.W. BOARD ASS'Y (SSC0L104A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2703	GP1UM281QK	IR DETECT UNIT	38kHz	
Q2701	2SC3928A/QR/-X	TRANSISTOR		
D2701	LG22440	LED	POWER	
D2702	MA8068-X	Z DIODE		
C2715	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2705	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2706	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R2707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
S2701	QSW0847-001	TACT SWITCH	POWER	

MI-COM & DIST MODULE P.W. BOARD ASS'Y (SSC0D003A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
MD001	SSC0D003A-M2	MI-COM & DIST MODULE PWB		

PRINTED WIRING BOARD PARTS LIST [AV-32S575/Y]

MAIN P.W. BOARD ASS'Y (SSC-1004A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1101	RC4558D-X	IC		
IC1211	TA1318N	IC		
IC1212	SN74AHC2G08T-X	IC		
IC1301	AN15852A	IC		
IC1501	CXA2069Q	IC		
IC1502	M62320FP-X	IC		
IC1511	PQ033RD01SZ	IC		
IC1661	AN5277	IC		
IC1703	AT24C128-32S575	IC	(SERVICE)	
IC1801	MM1563DF-X	IC		
IC1941	PQ1CG21H2FZ	IC		
IC1942	SI-8050JD-W	IC		
IC1943	PQ1CY1032Z-W	IC		
IC1981	PQ070XH02Z-W	IC		
IC1991	PQ120RDA1SZ	IC		
IC1993	MM1565AF-X	IC		
IC3001	CXA2199Q	IC		
IC6001	NJM2701M-X	IC		
IC6002	NJM2150AM-X	IC		
Q0701	2SK2090-X	MOS FET		
Q0702	2SK2090-X	MOS FET		
Q1104	2SC3928A/QR/-X	TRANSISTOR		
Q1105	2SA1530A/QR/-X	TRANSISTOR		
Q1232	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3837K/NP/-X	TRANSISTOR		
Q1302	2SC3837K/NP/-X	TRANSISTOR		
Q1303	2SC3837K/NP/-X	TRANSISTOR		
Q1511	UN2112-X	DIGI TRANSISTOR		
Q1531	2SC3928A/QR/-X	TRANSISTOR		
Q1668	UN2213-X	DIGI TRANSISTOR		
Q1669	2SC3928A/QR/-X	TRANSISTOR		
Q1671	UN2213-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
Q1674	2SC3928A/QR/-X	TRANSISTOR		
Q1712	2SA1530A/QR/-X	TRANSISTOR		
Q1713	2SC2785/JH/-T	SI TRANSISTOR		
Q1714	2SA1530A/QR/-X	TRANSISTOR		
Q1915	UN2213-X	DIGI TRANSISTOR		
Q1916	UN2213-X	DIGI TRANSISTOR		
Q1961	2SC3928A/QR/-X	TRANSISTOR		
Q1962	2SC3928A/QR/-X	TRANSISTOR		
Q1964	2SC3928A/QR/-X	TRANSISTOR		
Q1965	UN2213-X	DIGI TRANSISTOR		
Q1981	2SC4682-T	TRANSISTOR		
Q1984	2SC4682-T	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SC3928A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3005	2SA1530A/QR/-X	TRANSISTOR		
Q3007	2SC3928A/QR/-X	TRANSISTOR		
Q3008	2SC3928A/QR/-X	TRANSISTOR		
Q3009	2SC3928A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6002	2SC3928A/QR/-X	TRANSISTOR		
D1103	MA8100/M/-X	Z DIODE		
D1503	MA111-X	SI DIODE		
D1504	MA111-X	SI DIODE		
D1598	MA8100/M/-X	Z DIODE		
D1599	MA8100/M/-X	Z DIODE		
D1667	MA111-X	SI DIODE		
D1668	MA111-X	SI DIODE		
D1669	MA111-X	SI DIODE		
D1702	MA111-X	SI DIODE		
D1703	MA111-X	SI DIODE		
D1704	MA8100/M/-X	Z DIODE		
D1705	MA8100/M/-X	Z DIODE		
D1712	MA111-X	SI DIODE		
D1801	1SR35-400A-T2	SI DIODE		
D1891	MA8082/M/-X	Z DIODE		
D1892	MA8082/M/-X	Z DIODE		
D1893	MA8051/M/-X	Z DIODE		
D1894	MA8051/M/-X	Z DIODE		
D1940	MA111-X	SI DIODE		
D1947	EC30HA03L-X	SB DIODE		
D1948	EC30HA03L-X	SB DIODE		
D1949	EC30HA03L-X	SB DIODE		
D1962	MA3030/H/-X	Z DIODE		
D1964	MA111-X	SI DIODE		
D1965	MA111-X	SI DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D1967	PTZ6.8B-X	Z DIODE		
D1968	PTZ3.9B-X	Z DIODE		
D1969	PTZ11B-X	Z DIODE		
D1981	MA111-X	SI DIODE		
D1991	MA111-X	SI DIODE		
D1993	MA111-X	SI DIODE		
D2101	MA8100/M/-X	Z DIODE		
D2121	MA8100/M/-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2204	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2209	MA8100/M/-X	Z DIODE		
D2210	MA8100/M/-X	Z DIODE		
D2212	MA8100/M/-X	Z DIODE		
D2213	MA8100/M/-X	Z DIODE		
D2214	MA8100/M/-X	Z DIODE		
D2215	MA8100/M/-X	Z DIODE		
D2216	MA8100/M/-X	Z DIODE		
D2217	MA8100/M/-X	Z DIODE		
D2218	MA8100/M/-X	Z DIODE		
D2219	MA8100/M/-X	Z DIODE		
D2220	MA8100/M/-X	Z DIODE		
D2401	MA8100/M/-X	Z DIODE		
D2402	MA8100/M/-X	Z DIODE		
D2403	MA8100/M/-X	Z DIODE		
D2404	MA8100/M/-X	Z DIODE		
D2405	MA8100/M/-X	Z DIODE		
D2406	MA8100/M/-X	Z DIODE		
D2421	MA8100/M/-X	Z DIODE		
D2422	MA8100/M/-X	Z DIODE		
D2423	MA8100/M/-X	Z DIODE		
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1104	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1106	NCB31EK-393X	C CAPACITOR	0.039uF 25V K	
C1107	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C1109	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1110	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1111	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1213	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C1214	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C1215	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
C1216	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1218	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1219	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1222	QCS31HJ-470Z	C CAPACITOR	47pF 50V J	
C1301	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1302	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1303	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1304	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1305	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1307	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1311	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1312	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1313	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1321	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1322	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1323	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1324	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1325	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1332	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1333	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1342	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1343	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1351	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1352	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1353	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1355	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1371	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1372	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1381	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1382	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1391	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1392	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1403	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	
C1404	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	
C1405	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M	
C1406	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	

⚠Ref No.	Part No.	Part Name	Description Local
C1409	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1412	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1415	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1416	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1417	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1418	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1421	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1423	QETN1HM-476Z	E CAPACITOR	47uF 50V M
C1430	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1431	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1432	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1433	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1434	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1445	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1448	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1449	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1450	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1451	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1501	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1505	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1510	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C1519	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1532	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C1539	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1540	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1551	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1579	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1667	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1668	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1669	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1670	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1671	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1672	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1673	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C1674	QETM1HM-108	E CAPACITOR	1000uF 50V M
C1675	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C1676	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C1677	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1678	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1679	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1680	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1702	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1712	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1802	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1803	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1806	NCB31HK-471X	C CAPACITOR	470pF 50V K
C1941	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C1942	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C1943	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1944	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1945	QEZ0256-228	E CAPACITOR	2200uF 10V M
C1946	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1947	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1948	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1949	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1950	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1951	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C1952	QEZ0256-128	E CAPACITOR	1200uF 10V M
C1953	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M
C1954	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1955	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1958	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1961	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1981	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1984	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1985	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M
C1991	QETN1EM-107Z	E CAPACITOR	100uF 25V M
C1992	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1994	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C1995	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C1996	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2103	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2104	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2106	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2123	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2124	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2126	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2127	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2128	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2144	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2145	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2146	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2301	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2302	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2303	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2321	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2322	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2323	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2341	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2342	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2343	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3001	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3004	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3005	NDC31HJ-120X	C CAPACITOR	12pF 50V J
C3006	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3007	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3009	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C3010	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3011	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3012	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C3013	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3014	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3015	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3017	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C3018	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C3019	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3020	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3022	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C3023	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3024	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3025	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6001	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C6002	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C6003	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
C6004	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6005	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C6006	NCB31CK-273X	C CAPACITOR	0.027uF 16V K
C6007	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6008	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C6009	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C6010	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6011	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C6012	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C6013	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6014	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6015	NCB31CK-473X	C CAPACITOR	0.047uF 16V K
C6016	NCB31CK-473X	C CAPACITOR	0.047uF 16V K
C6017	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6018	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6020	QETN1HM-106Z	E CAPACITOR	10uF 50V M
R0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0705	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0706	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0707	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1109	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1112	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1113	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1119	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1120	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1202	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1218	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1219	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1220	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1226	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1228	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1229	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1230	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1231	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1232	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R1234	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1236	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1301	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1302	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1372	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1375	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1382	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1385	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1395	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1409	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1503	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1510	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1511	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1515	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1521	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1525	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1526	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1527	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1528	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1529	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1533	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1534	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1535	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1536	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1537	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1538	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1539	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1547	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1548	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1549	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1562	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1571	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1577	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1578	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1579	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1580	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1581	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1585	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1658	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1659	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1665	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1666	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1667	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1668	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1669	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1670	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1671	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R1672	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R1673	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R1674	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R1680	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1681	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1682	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1691	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1694	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1695	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1696	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1701	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1712	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1713	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1714	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1891	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1892	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1894	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1896	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1897	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1930	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1932	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1942	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D
R1943	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D
⚠R1944	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R1945	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1946	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1949	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D
R1950	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D
R1952	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1953	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R1957	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D
R1959	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D
R1961	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1962	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1963	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1964	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1965	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1966	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1967	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1968	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1969	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1971	QRT039J-1R0	MF RESISTOR	1Ω 3W J
⚠R1981	QRK126J-181X	UNF C RESISTOR	180Ω 1/2W J
R1982	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R1983	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R1984	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D
R1985	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
⚠R1986	QRK126J-331X	UNF C RESISTOR	330Ω 1/2W J
R1991	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1992	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R2102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2104	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2106	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2122	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2123	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2126	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2127	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2145	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2146	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2147	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2148	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2302	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2304	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2307	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2308	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2309	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2322	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2325	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2328	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2463	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R3002	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3008	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R3009	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R3011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3013	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R3014	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3015	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3018	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3021	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3023	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R3025	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R3026	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R3027	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3032	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R3033	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R3035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3040	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6002	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6007	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R6008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R6009	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R6014	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6015	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R6018	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R6019	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R6020	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R6021	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R6022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R6024	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R6025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L0502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L0503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
L1211	QQL244K-100Z	PEAKING COIL	10uH K
L1301	QQL244K-100Z	PEAKING COIL	10uH K
L1302	QQL244K-100Z	PEAKING COIL	10uH K
L1401	QQL244K-100Z	PEAKING COIL	10uH K
L1402	QQL26AK-100Z	CHOKE COIL	10uH K
L1941	QQR1401-001	CHOKE COIL	
L1942	QQR1401-001	CHOKE COIL	
L1943	QQL26AK-330Z	CHOKE COIL	33uH K
L1944	QQL26AK-330Z	CHOKE COIL	33uH K
L1945	QQL26AK-220Z	CHOKE COIL	22uH K
L1946	QQL26AK-220Z	CHOKE COIL	22uH K
L1947	QQR1401-001	CHOKE COIL	
L1948	QQL26AK-100Z	CHOKE COIL	10uH K
L1949	QQL26AK-220Z	CHOKE COIL	22uH K
L1950	QQL26AK-470Z	CHOKE COIL	47uH K
L1951	QQL26AK-470Z	CHOKE COIL	47uH K
L1952	QQL26AK-470Z	CHOKE COIL	47uH K
L1983	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
L3001	QQL244K-100Z	PEAKING COIL	10uH K
L3002	QQL244K-100Z	PEAKING COIL	10uH K
L3003	QQL244K-100Z	PEAKING COIL	10uH K
CN1001	QGB1506L1-16	CONNECTOR	B-B (1-16)
CN1002	QGB1506L1-16	CONNECTOR	B-B (1-16)
CN1003	QGB1506L1-16	CONNECTOR	B-B (1-16)
CN1005	QGB1505J1-15	CONNECTOR	B-B (1-15)
CN1006	QGB1505J1-25	CONNECTOR	B-B (1-25)
CN1008	QGB1509J1-55	CONNECTOR	B-B (1-55)
CN1009	QGB1509J1-55	CONNECTOR	B-B (1-55)
CN100F	QJB003-041404	SIN ID C-B WIRE	
CN100G	QGF1201C2-25	CONNECTOR	FFC/FPC (1-25)
CN100H	QGF1201C2-13	CONNECTOR	FFC/FPC (1-13)
CN100Q	WJP0053-002B	E-SH C WIRE C-B	
CN10AU	WJP0052-002A	E-SH C WIRE C-B	
CN10DC	QJB003-042814	SIN ID C-B WIRE	
CN10SR	QJB003-052610	SIN ID C-B WIRE	
H1661	LC30145-003A	HEAT SINK/AL-F/	
J2101	QNN0521-001	PIN JACK	V/L/R IN
J2111	QND0104-001	S JACK	S IN
J2121	QNN0535-001	PIN JACK	COMPONENT IN
K1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K1943	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
K1944	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
LC1301	QQR1199-001	EMI FILTER	
LC1302	QQR1199-001	EMI FILTER	
LC1303	QQR1199-001	EMI FILTER	
LC2321	QQR1199-001	EMI FILTER	
LC2322	QQR1199-001	EMI FILTER	
LC2323	QQR1199-001	EMI FILTER	
LC2341	QQR1199-001	EMI FILTER	
LC2342	QQR1199-001	EMI FILTER	
LC2343	QQR1199-001	EMI FILTER	
SL1211	CSB503F30-T2	C RESONATOR	
X3001	CE41651-001Z	CRYSTAL	
X3002	QAX0529-001	C RESONATOR	500.00kHz

POWER & DEF P.W. BOARD ASS'Y (SSC-2003A-M2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

CRT SOCKET P.W. BOARD ASS'Y (SSC-3003A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

LINE FILTER P.W. BOARD ASS'Y (SSC-9003A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

DEF OSC P.W. BOARD ASS'Y (SSC0H003A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SSC0R002A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC1101	L7805CP	IC	
IC1140	CXA2205Q-X	IC	
IC1251	RC4558D-X	IC	
IC1252	CD4066BE	IC	
Q1101	2SA1530A/QR/-X	TRANSISTOR	
Q1102	2SC3928A/QR/-X	TRANSISTOR	
Q1252	2SA1530A/QR/-X	TRANSISTOR	
Q1253	2SC3928A/QR/-X	TRANSISTOR	
Q1254	2SA1530A/QR/-X	TRANSISTOR	
Q1255	2SC3928A/QR/-X	TRANSISTOR	
Q1256	UN2213-X	DIGI TRANSISTOR	
Q1257	UN2213-X	DIGI TRANSISTOR	
D1140	MA8100/M/-X	Z DIODE	
D1141	MA8100/M/-X	Z DIODE	
D1145	MA8082/M/-X	Z DIODE	
D1146	MA8082/M/-X	Z DIODE	
D1251	MA8100/M/-X	Z DIODE	
D1252	MA8100/M/-X	Z DIODE	
C1101	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1102	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1140	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1141	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1144	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1145	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C1146	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1147	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1148	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1149	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C1150	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1151	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1152	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1153	NCB31HK-562X	C CAPACITOR	5600pF 50V K
C1154	NCB31HK-123X	C CAPACITOR	0.012uF 50V K
C1155	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1156	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1157	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1158	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1159	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1160	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1161	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1162	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1163	NCB31HK-272X	C CAPACITOR	2700pF 50V K
C1164	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C1165	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
C1166	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1167	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1168	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1169	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1170	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1171	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1257	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1258	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1259	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1260	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1261	QETN1EM-476Z	E CAPACITOR	47uF 25V M

⚠Ref No.	Part No.	Part Name	Description Local
C1262	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C1263	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
R0001	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0002	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R0003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0004	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R0005	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0006	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R0007	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R0008	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R1101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1105	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1107	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1111	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1140	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J
R1141	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1142	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1143	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R1144	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1145	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1146	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1147	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D
R1149	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1151	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J
R1152	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1157	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1158	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1261	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1262	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1266	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1267	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1268	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1269	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1270	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1271	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1273	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1274	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1275	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1276	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1277	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1278	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1279	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1280	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
CN0005	QGB1505K1-15	CONNECTOR	B-B (1-15)
CN0006	QGB1505K1-25	CONNECTOR	B-B (1-25)
J0001	QNN0594-001	PIN JACK	CENTER IN
J0002	QNN0625-001	PIN JACK	SUB WOOFER/L/R OUT
⚠TU1101	QAU0352-002	TUNER	

FRONT CONTROL P.W. BOARD ASS'Y (SSC0L003A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

FRONT SW P.W. BOARD ASS'Y (SSC0L103A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
IC2703	GP1UM281QK	IR DETECT UNIT	38kHz
Q2701	2SC3928A/QR/-X	TRANSISTOR	
D2701	SEL2E10W	LED	POWER
D2702	MA8068-X	Z DIODE	
C2715	QETN1EM-476Z	E CAPACITOR	47uF 25V M
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R2705	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R2706	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R2707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R2708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
S2701	QSW0847-001	TACT SWITCH	POWER

MI-COM & DIST MODULE P.W. BOARD ASS'Y (SSC0D003A-M2)

REFER TO PARTS LIST IN PAGE 3-17 FOR THIS P.W. BOARD.

DIGITAL INPUT MODULE P.W. BOARD ASS'Y (SSC-7802A-M2)

⚠Ref No.	Part No.	Part Name	Description Local
MD001	SSC-7802A-M2	DIGITAL INPUT MODULE PWB	

PRINTED WIRING BOARD PARTS LIST [AV-32S585/Y]

MAIN P.W. BOARD ASS'Y (SSC-1003A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1101	RC4558D-X	IC		
IC1211	TA1318N	IC		
IC1212	SN74AHC2G08T-X	IC		
IC1301	AN15852A	IC		
IC1501	CXA2069Q	IC		
IC1502	M62320FP-X	IC		
IC1511	PQ033RD01SZ	IC		
IC1661	AN5277	IC		
IC1703	AT24C128-32S585	IC	(SERVICE)	
IC1801	MM1563DF-X	IC		
IC1941	PQ1CG21H2FZ	IC		
IC1942	SI-8050JD-W	IC		
IC1943	PQ1CY1032Z-W	IC		
IC1981	PQ070XH02Z-W	IC		
IC1991	PQ120RDA1SZ	IC		
IC1993	MM1565AF-X	IC		
IC3001	CXA2199Q	IC		
IC6001	NJM2701M-X	IC		
IC6002	NJM2150AM-X	IC		
Q0701	2SK2090-X	MOS FET		
Q0702	2SK2090-X	MOS FET		
Q1104	2SC3928A/QR/-X	TRANSISTOR		
Q1105	2SA1530A/QR/-X	TRANSISTOR		
Q1232	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3837K/NP/-X	TRANSISTOR		
Q1302	2SC3837K/NP/-X	TRANSISTOR		
Q1303	2SC3837K/NP/-X	TRANSISTOR		
Q1511	UN2112-X	DIGI TRANSISTOR		
Q1531	2SC3928A/QR/-X	TRANSISTOR		
Q1668	UN2213-X	DIGI TRANSISTOR		
Q1669	2SC3928A/QR/-X	TRANSISTOR		
Q1671	UN2213-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
Q1674	2SC3928A/QR/-X	TRANSISTOR		
Q1712	2SA1530A/QR/-X	TRANSISTOR		
Q1713	2SC2785/JH/-T	SI TRANSISTOR		
Q1714	2SA1530A/QR/-X	TRANSISTOR		
Q1915	UN2213-X	DIGI TRANSISTOR		
Q1916	UN2213-X	DIGI TRANSISTOR		
Q1961	2SC3928A/QR/-X	TRANSISTOR		
Q1962	2SC3928A/QR/-X	TRANSISTOR		
Q1964	2SC3928A/QR/-X	TRANSISTOR		
Q1965	UN2213-X	DIGI TRANSISTOR		
Q1981	2SC4682-T	TRANSISTOR		
Q1984	2SC4682-T	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SC3928A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3005	2SA1530A/QR/-X	TRANSISTOR		
Q3007	2SC3928A/QR/-X	TRANSISTOR		
Q3008	2SC3928A/QR/-X	TRANSISTOR		
Q3009	2SC3928A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6002	2SC3928A/QR/-X	TRANSISTOR		
D1093	MA8082/M/-X	Z DIODE		
D1103	MA8100/M/-X	Z DIODE		
D1503	MA111-X	SI DIODE		
D1504	MA111-X	SI DIODE		
D1598	MA8100/M/-X	Z DIODE		
D1599	MA8100/M/-X	Z DIODE		
D1667	MA111-X	SI DIODE		
D1668	MA111-X	SI DIODE		
D1669	MA111-X	SI DIODE		
D1702	MA111-X	SI DIODE		
D1703	MA111-X	SI DIODE		
D1704	MA8100/M/-X	Z DIODE		
D1705	MA8100/M/-X	Z DIODE		
D1712	MA111-X	SI DIODE		
D1801	1SR35-400A-T2	SI DIODE		
D1891	MA8082/M/-X	Z DIODE		
D1892	MA8082/M/-X	Z DIODE		
D1893	MA8051/M/-X	Z DIODE		
D1894	MA8051/M/-X	Z DIODE		
D1940	MA111-X	SI DIODE		
D1947	EC30HA03L-X	SB DIODE		
D1948	EC30HA03L-X	SB DIODE		
D1949	EC30HA03L-X	SB DIODE		
D1962	MA3030/H/-X	Z DIODE		
D1964	MA111-X	SI DIODE		
D1965	MA111-X	SI DIODE		
D1967	PTZ6.8B-X	Z DIODE		
D1968	PTZ3.9B-X	Z DIODE		
D1969	PTZ11B-X	Z DIODE		
D1981	MA111-X	SI DIODE		
D1991	MA111-X	SI DIODE		
D1993	MA111-X	SI DIODE		
D2101	MA8100/M/-X	Z DIODE		
D2121	MA8100/M/-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2204	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2209	MA8100/M/-X	Z DIODE		
D2210	MA8100/M/-X	Z DIODE		
D2212	MA8100/M/-X	Z DIODE		
D2213	MA8100/M/-X	Z DIODE		
D2214	MA8100/M/-X	Z DIODE		
D2215	MA8100/M/-X	Z DIODE		
D2216	MA8100/M/-X	Z DIODE		
D2217	MA8100/M/-X	Z DIODE		
D2218	MA8100/M/-X	Z DIODE		
D2219	MA8100/M/-X	Z DIODE		
D2220	MA8100/M/-X	Z DIODE		
D2401	MA8100/M/-X	Z DIODE		
D2402	MA8100/M/-X	Z DIODE		
D2403	MA8100/M/-X	Z DIODE		
D2404	MA8100/M/-X	Z DIODE		
D2405	MA8100/M/-X	Z DIODE		
D2406	MA8100/M/-X	Z DIODE		
D2421	MA8100/M/-X	Z DIODE		
D2422	MA8100/M/-X	Z DIODE		
D2423	MA8100/M/-X	Z DIODE		
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1104	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1106	NCB31EK-393X	C CAPACITOR	0.039uF 25V K	
C1107	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C1109	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1110	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1111	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1213	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C1214	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C1215	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
C1216	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1218	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1219	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1222	QCS31HJ-470Z	C CAPACITOR	47pF 50V J	
C1301	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1302	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1303	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1304	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1305	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1307	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1311	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1312	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1313	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1321	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1322	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1323	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1324	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1325	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1332	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1333	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1342	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1343	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1351	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1352	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1353	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1355	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1371	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1372	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1381	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1382	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1391	QETN1CM-336Z	E CAPACITOR	33uF 16V M	
C1392	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1403	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	
C1404	QETN1AM-108Z	E CAPACITOR	1000uF 10V M	
C1405	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M	

⚠Ref No.	Part No.	Part Name	Description Local
C1406	QETN1AM-108Z	E CAPACITOR	1000uF 10V M
C1409	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1412	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1415	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1416	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1417	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1418	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1421	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1423	QETN1HM-476Z	E CAPACITOR	47uF 50V M
C1430	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1431	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1432	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1433	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1434	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1445	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1448	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1449	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1450	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1451	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1501	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1505	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C1510	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C1519	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1532	QETN1HM-226Z	E CAPACITOR	22uF 50V M
C1539	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1540	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C1551	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1579	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1667	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1668	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1669	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1670	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1671	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1672	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1673	QETN1HM-107Z	E CAPACITOR	100uF 50V M
C1674	QETM1HM-108	E CAPACITOR	1000uF 50V M
C1675	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C1676	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J
C1677	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1678	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1679	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1680	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1702	NCB21CK-105X	C CAPACITOR	1uF 16V K
C1712	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1802	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1803	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C1806	NCB31HK-471X	C CAPACITOR	470pF 50V K
C1941	QETN1EM-477Z	E CAPACITOR	470uF 25V M
C1942	QETN1CM-108Z	E CAPACITOR	1000uF 16V M
C1943	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1944	QETN1EM-108Z	E CAPACITOR	1000uF 25V M
C1945	QEZ0256-228	E CAPACITOR	2200uF 10V M
C1946	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1947	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1948	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1949	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1950	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1951	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C1952	QEZ0256-128	E CAPACITOR	1200uF 10V M
C1953	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M
C1954	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1955	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C1958	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C1961	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C1981	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C1984	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M
C1985	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M
C1991	QETN1EM-107Z	E CAPACITOR	100uF 25V M
C1992	QETN1CM-477Z	E CAPACITOR	470uF 16V M
C1994	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C1995	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C1996	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2103	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2104	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2106	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2123	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C2124	NCB21CK-105X	C CAPACITOR	1uF 16V K

⚠Ref No.	Part No.	Part Name	Description Local
C2126	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2127	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2128	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2144	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2145	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2146	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C2301	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2302	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2303	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2321	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2322	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2323	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2341	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2342	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2343	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3001	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3004	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3005	NDC31HJ-120X	C CAPACITOR	12pF 50V J
C3006	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3007	NDC31HJ-471X	C CAPACITOR	470pF 50V J
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3009	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C3010	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3011	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C3012	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C3013	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3014	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C3015	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C3017	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C3018	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C3019	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3020	NCB21CK-105X	C CAPACITOR	1uF 16V K
C3021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3022	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C3023	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C3024	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C3025	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C6001	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C6002	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M
C6003	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
C6004	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6005	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C6006	NCB31CK-273X	C CAPACITOR	0.027uF 16V K
C6007	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6008	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C6009	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C6010	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6011	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C6012	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M
C6013	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6014	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6015	NCB31CK-473X	C CAPACITOR	0.047uF 16V K
C6016	NCB31CK-473X	C CAPACITOR	0.047uF 16V K
C6017	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6018	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6020	QETN1HM-106Z	E CAPACITOR	10uF 50V M
R0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R0705	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0706	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R0707	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1097	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1109	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R1111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1112	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1113	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1119	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1120	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1202	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1218	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1219	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1220	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1226	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1228	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1229	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R1230	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description Local
R1231	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1232	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1234	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1236	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1301	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1302	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1372	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1375	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1382	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1385	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1395	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R1401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1409	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1503	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1510	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1511	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1515	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1521	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1525	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1526	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1527	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1528	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1529	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1533	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1534	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1535	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1536	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1537	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1538	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1539	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1547	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1548	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1549	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1562	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1571	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1577	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1578	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1579	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1580	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1581	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1585	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1658	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1659	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1665	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1666	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1667	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1668	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1669	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R1670	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R1671	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R1672	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J
R1673	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R1674	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J
R1680	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1681	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1682	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1691	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R1694	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R1695	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R1696	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R1701	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R1704	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R1712	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R1713	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1714	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R1715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R1801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R1891	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1892	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1894	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R1896	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1897	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R1930	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1932	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1942	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D
R1943	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D
⚠R1944	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R1945	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1946	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1949	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D
R1950	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D
R1952	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R1953	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R1957	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D
R1959	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D
R1961	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1962	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R1963	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R1964	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R1965	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1966	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
R1967	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J
R1968	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1969	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R1971	QRT039J-1R0	MF RESISTOR	1Ω 3W J
⚠R1981	QRK126J-181X	UNF C RESISTOR	180Ω 1/2W J
R1982	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R1983	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D
R1984	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D
R1985	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
⚠R1986	QRK126J-331X	UNF C RESISTOR	330Ω 1/2W J
R1991	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R1992	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R2102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2104	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2106	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2122	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2123	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2126	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2127	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2145	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2146	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R2147	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2148	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2302	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2304	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2307	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2308	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2309	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2322	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2325	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2328	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R2329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R2463	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R3001	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R3002	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3008	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
R3009	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R3011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3013	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R3014	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R3015	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

⚠Ref No.	Part No.	Part Name	Description	Local
R3017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3021	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3023	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3025	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3026	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3027	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3032	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R3033	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R3035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3040	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6002	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6007	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6009	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6014	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6015	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6018	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6019	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6020	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6021	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6024	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L0503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1211	QQL244K-100Z	PEAKING COIL	10uH K	
L1301	QQL244K-100Z	PEAKING COIL	10uH K	
L1302	QQL244K-100Z	PEAKING COIL	10uH K	
L1401	QQL244K-100Z	PEAKING COIL	10uH K	
L1402	QQL26AK-100Z	CHOKE COIL	10uH K	
L1941	QQR1401-001	CHOKE COIL		
L1942	QQR1401-001	CHOKE COIL		
L1943	QQL26AK-330Z	CHOKE COIL	33uH K	
L1944	QQL26AK-330Z	CHOKE COIL	33uH K	
L1945	QQL26AK-220Z	CHOKE COIL	22uH K	
L1946	QQL26AK-220Z	CHOKE COIL	22uH K	
L1947	QQR1401-001	CHOKE COIL		
L1948	QQL26AK-100Z	CHOKE COIL	10uH K	
L1949	QQL26AK-220Z	CHOKE COIL	22uH K	
L1950	QQL26AK-470Z	CHOKE COIL	47uH K	
L1951	QQL26AK-470Z	CHOKE COIL	47uH K	
L1952	QQL26AK-470Z	CHOKE COIL	47uH K	
L1983	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
L3001	QQL244K-100Z	PEAKING COIL	10uH K	
L3002	QQL244K-100Z	PEAKING COIL	10uH K	
L3003	QQL244K-100Z	PEAKING COIL	10uH K	
CN1001	QGB1506L1-16	CONNECTOR	B-B (1-16)	
CN1002	QGB1506L1-16	CONNECTOR	B-B (1-16)	
CN1003	QGB1506L1-16	CONNECTOR	B-B (1-16)	
CN1005	QGB1505J1-15	CONNECTOR	B-B (1-15)	
CN1006	QGB1505J1-25	CONNECTOR	B-B (1-25)	
CN1008	QGB1509J1-55	CONNECTOR	B-B (1-55)	
CN1009	QGB1509J1-55	CONNECTOR	B-B (1-55)	
CN100F	QJB003-041404	SIN ID C-B WIRE		
CN100G	QGF1201C2-25	CONNECTOR	FFC/FPC (1-25)	
CN100H	QGF1201C2-13	CONNECTOR	FFC/FPC (1-13)	
CN100Q	WJP0053-002B	E-SH C WIRE C-B		
CN10AU	WJP0052-002A	E-SH C WIRE C-B		
CN10DC	QJB003-042814	SIN ID C-B WIRE		
CN10SR	QJB003-052610	SIN ID C-B WIRE		
H1661	LC30145-003A	HEAT SINK/AL-F/		
J1091	QNS0001-001	3.5 JACK		
J2101	QNN0521-001	PIN JACK	V/L/R IN	
J2111	QND0104-001	S JACK	S IN	
J2121	QNN0535-001	PIN JACK	COMPONENT IN	
K1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K1943	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K1944	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
LC1301	QQR1199-001	EMI FILTER		
LC1302	QQR1199-001	EMI FILTER		
LC1303	QQR1199-001	EMI FILTER		
LC2321	QQR1199-001	EMI FILTER		
LC2322	QQR1199-001	EMI FILTER		
LC2323	QQR1199-001	EMI FILTER		
LC2341	QQR1199-001	EMI FILTER		
LC2342	QQR1199-001	EMI FILTER		
LC2343	QQR1199-001	EMI FILTER		

⚠Ref No.	Part No.	Part Name	Description	Local
SL1211	CSB503F30-T2	C RESONATOR		
X3001	CE41651-001Z	CRYSTAL		
X3002	QAX0529-001	C RESONATOR	500.00kHz	

POWER & DEF P.W. BOARD ASS'Y (SSC-2003A-M2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

CRT SOCKET P.W. BOARD ASS'Y (SSC-3003A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

LINE FILTER P.W. BOARD ASS'Y (SSC-9003A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

DEF OSC P.W. BOARD ASS'Y (SSC0H003A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SSC0R002A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

FRONT CONTROL P.W. BOARD ASS'Y (SSC0L003A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

FRONT SW P.W. BOARD ASS'Y (SSC0L104A-M2)

REFER TO PARTS LIST IN PAGE 3-17 FOR THIS P.W. BOARD.

MI-COM & DIST MODULE P.W. BOARD ASS'Y (SSC0D003A-M2)

REFER TO PARTS LIST IN PAGE 3-17 FOR THIS P.W. BOARD.

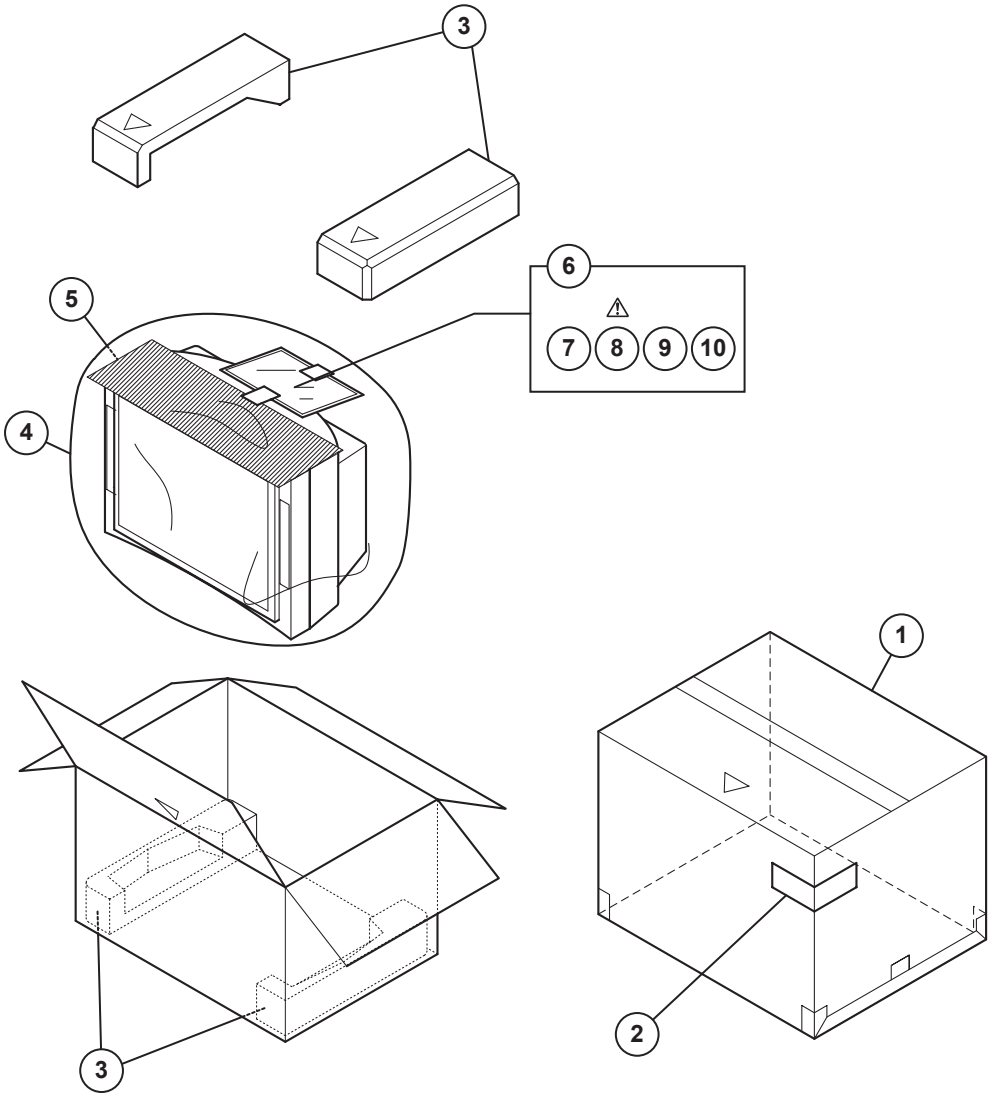
DIGITAL INPUT MODULE P.W. BOARD ASS'Y (SSC-7801A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
MD001	SSC-7801A-M2	DIGITAL INPUT MODULE PWB		

REMOTE CONTROL UNIT PARTS LIST (RM-C1257G-1H)

⚠	Ref No.	Part No.	Part Name	Description	Local
		UR77EC0603	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC10181-026C-A	PACKING CASE		AV-32S565/Y
	1	LC10181-033B-A	PACKING CASE		AV-32S575/Y,AV-32S585/Y
	2	CM36616-001-A	CORNER LABEL		
	3	LC11403-002C-A	CUSHION ASSY	4pcs in 1set	AV-32S565/Y
	3	LC11560-002E-A	CUSHION ASSY	4pcs in 1set	AV-32S575/Y,AV-32S585/Y
	4	CP30056-A04-A	POLY BAG		
	5	CP30055-A02-A	TOP COVER		
	6	QPA02503505	POLY BAG	25cm x 35cm	
	7	RM-C1257G-1H	REMOCON		
⚠	8	LCT1639-001A-A	INST BOOK		AV-32S565/Y
⚠	8	LCT1638-001A-A	INST BOOK		AV-32S575/Y,AV-32S585/Y
	9	----------	BATTERY	R6P/AA(x2)	
	10	BT-51034-2Q	REGIST. CARD		

JVC

SCHEMATIC DIAGRAMS

COLOR TELEVISION

AV-32S565/Y,
AV-32S575/Y,
AV-32S585/Y

CD-ROM No.SML200406

BASIC CHASSIS
SC2

[AV-32S565]

[AV-32S575]
[AV-32S585]

I'Art PRO
D.I.S.T. Digital Image Scaling Technology
HIGH DEFINITION TELEVISION HDTV MONITOR
BBE
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

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No.YA093
2004/6

AV-32S565/Y, AV-32S575/Y, AV-32S585/Y
STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Othters ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

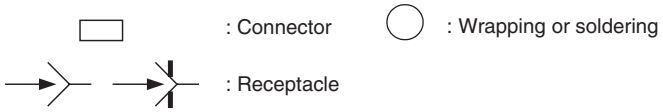
No unit	: [μH]
Others	: As specified

(4)Power Supply

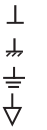
∗ Respective voltage values are indicated

(5)Test point

(6)Connecting method



(7)Ground symbol



5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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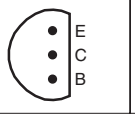
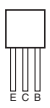
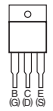
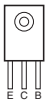
USING P.W. BOARD

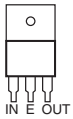
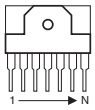
PWB ASS'Y name	AV-32S565/Y	AV-32S575/Y	AV-32S585/Y
MAIN P.W. BOARD	SSC-1005A-M2	SSC-1004A-M2	SSC-1003A-M2
RECEIVER P.W. BOARD	SSC0R003A-M2	SSC0R002A-M2	←
CRT SOCKET P.W. BOARD	SSC-3003A-M2	←	←
POWER&DEF P.W. BOARD	SSC-2003A-M2	←	←
DEF OSC P.W. BOARD	SSC0H003A-M2	←	←
LINE FILTER P.W. BOARD	SSC-9003A-M2	←	←
FRONT CONTROL P.W. BOARD	SSC0L003A-M2	←	←
FRONT SW P.W. BOARD	SSC0L104A-M2	←	←

SEMICONDUCTOR SHAPES

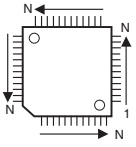
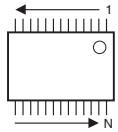
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

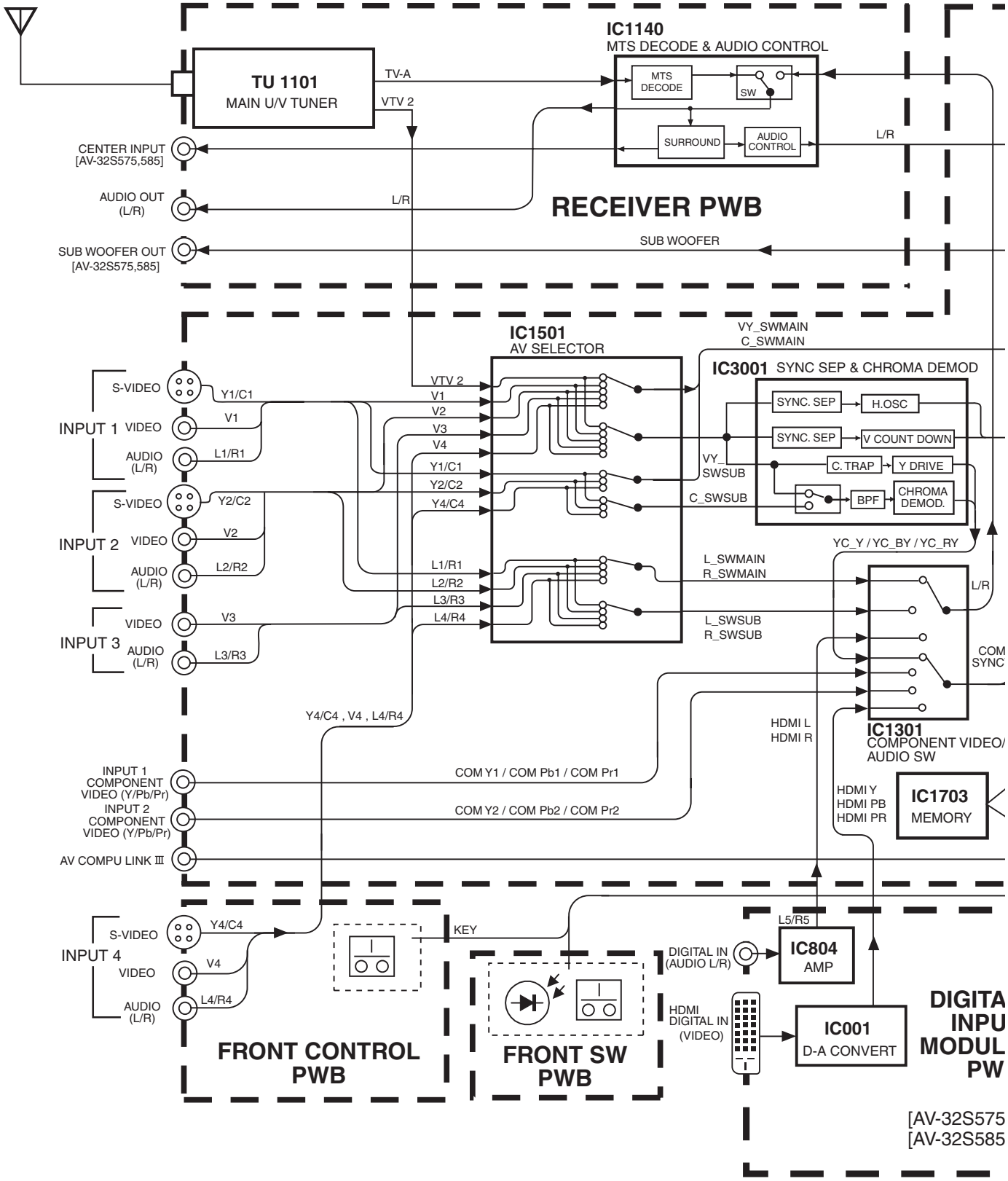
IC

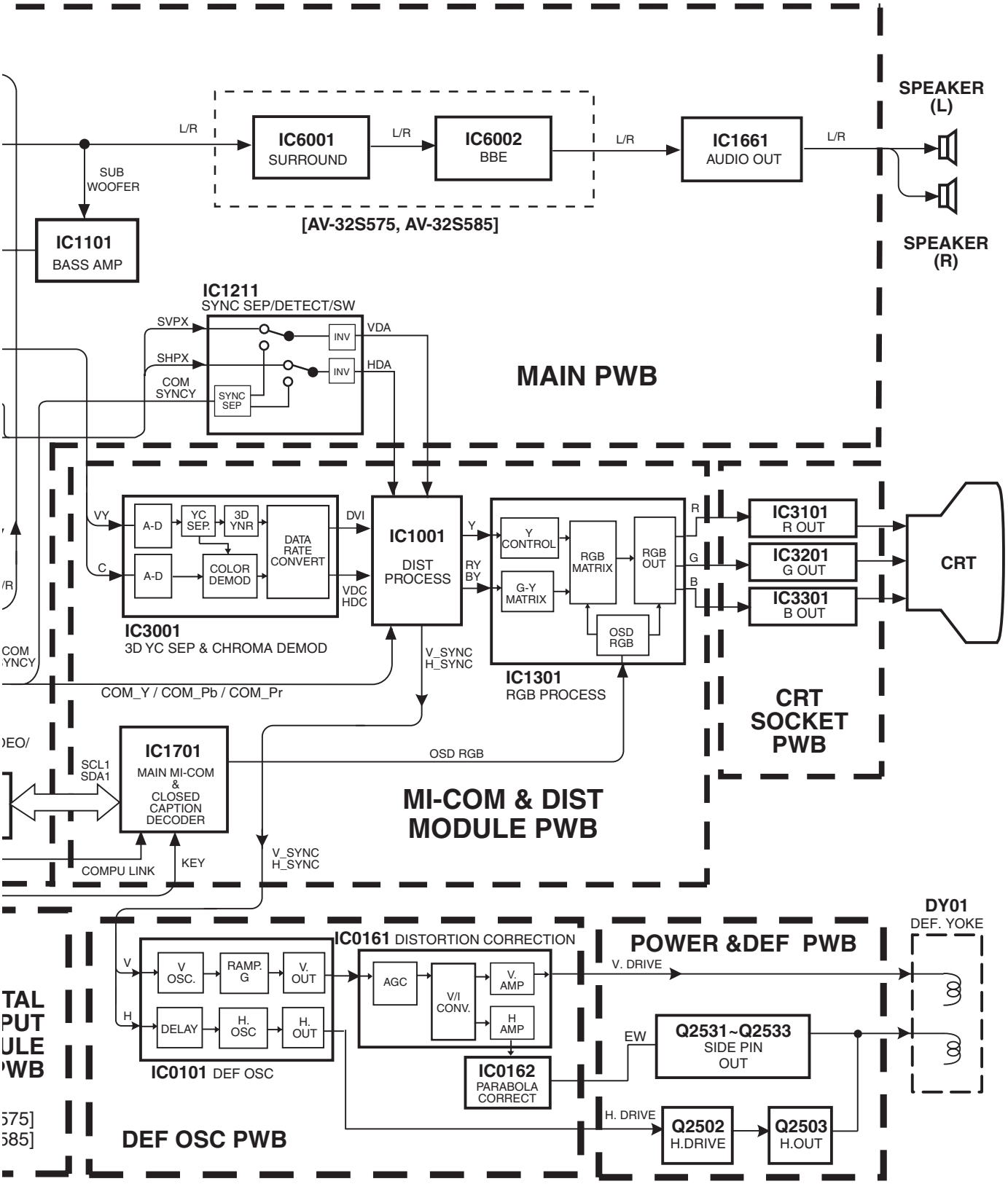
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

TOP VIEW		
		

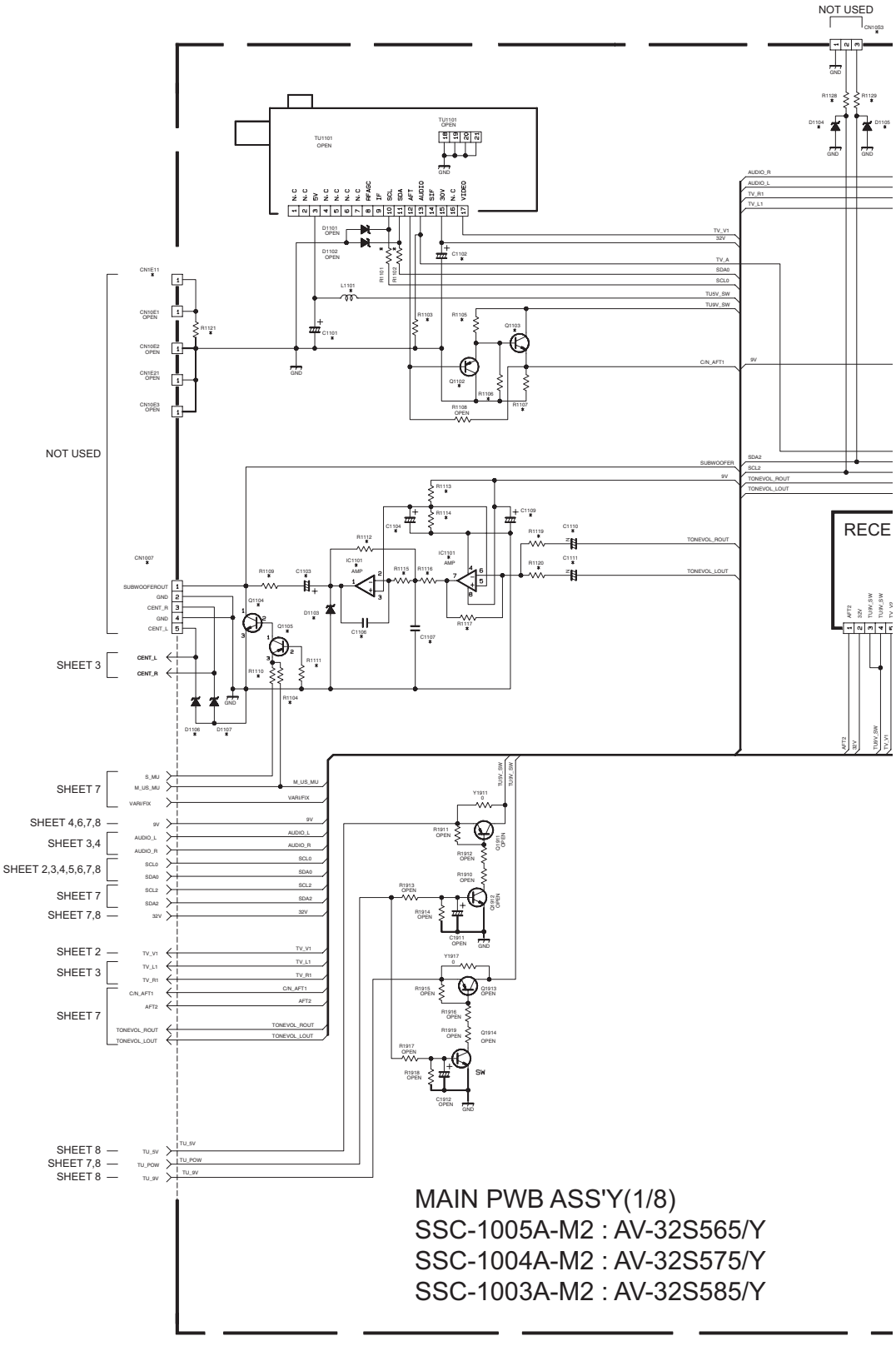
BLOCK DIAGRAM




SPEAKER (L)
SPEAKER (R)
L/R
IC6001
SURROUND
IC6002
BBE
IC1661
AUDIO OUT
SUB WOOFER
IC1101
BASS AMP
[AV-32S575, AV-32S585]
IC1211
SYNC SEP/DETECT/SW
SVPX
SHPX
COM SYNCY
INV
SYNC SEP
VDA
HDA
MAIN PWB
VY
C
A-D
YC SEP.
3D YNR
COLOR DEMOD
DATA RATE CONVERT
DVI
VDC
HDC
IC3001
3D YC SEP & CHROMA DEMOD
IC1001
DIST PROCESS
Y
RY
BY
Y CONTROL
G-Y MATRIX
RGB MATRIX
RGB OUT
OSD RGB
IC1301
RGB PROCESS
R
G
B
IC3101
R OUT
IC3201
G OUT
IC3301
B OUT
CRT
CRT SOCKET PWB
V_SYNC
H_SYNC
COM_Y / COM_Pb / COM_Pr
IC1701
MAIN MI-COM & CLOSED CAPTION DECODER
SCL1
SDA1
OSD RGB
COMPU LINK
KEY
MI-COM & DIST MODULE PWB
DY01
DEF. YOKE
POWER &DEF PWB
IC0161 DISTORTION CORRECTION
V
H
V OSC.
RAMP. G
V. OUT
DELAY
H. OSC
H. OUT
AGC
V/I CONV.
V. AMP
H AMP
V. DRIVE
EW
Q2531~Q2533
SIDE PIN OUT
IC0101 DEF OSC
IC0162
PARABOLA CORRECT
H. DRIVE
Q2502
H.DRIVE
Q2503
H.OUT
DEF OSC PWB

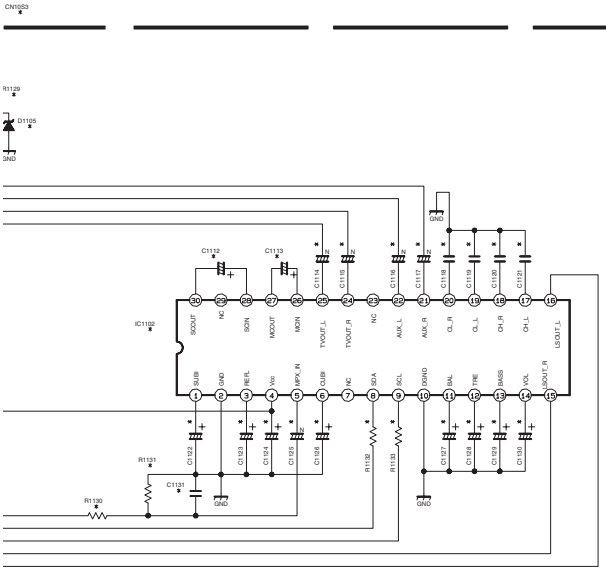
CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/8) SHEET1

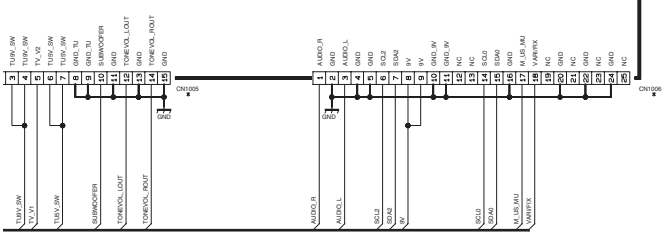


MODE PIN NO.	DC (V)
IC1101	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.9
CN1005	
1	2.6
2	31.6
3	8.9
4	8.9
5	2.2
6	5.2
7	5.2
8	0
9	0
10	0
11	0
12	4.1
13	0
14	4.1
15	0
CN1006	
1	4.4
2	0
3	4.4
4	0
5	0
6	5
7	5
8	8.9
9	8.9
10	0
11	0
12	NC
13	NC
14	4.4
15	4.4
16	0
17	0
18	5.1
19	0
20	0
21	0
22	0
23	4.1
24	0
25	4.1

ED



ECEIVER PWB ASS'Y



* DIFFERENCE LIST 1

	AV-32S565YA	AV-32S575YA	AV-32S565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
CN1005	QGB1505J1 -15	QGB1505J1 -15	QGB1505J1 -15
CN1006	QGB1505J1 -25	QGB1505J1 -25	QGB1505J1 -25
CN1007	OPEN	OPEN	OPEN
R1121	OPEN	OPEN	OPEN
R1101	OPEN	OPEN	OPEN
R1102	OPEN	OPEN	OPEN
R1103	OPEN	OPEN	OPEN
R1105	OPEN	OPEN	OPEN
R1106	OPEN	OPEN	OPEN
R1107	OPEN	OPEN	OPEN
C1101	OPEN	OPEN	OPEN
C1102	OPEN	OPEN	OPEN
Q1102	OPEN	OPEN	OPEN
Q1103	OPEN	OPEN	OPEN
L1101	OPEN	OPEN	OPEN
R1109	3.9k	3.9k	OPEN
R1110	OPEN	OPEN	OPEN
R1111	10k	10k	OPEN
R1112	15k	15k	OPEN
R1113	4.7k	4.7k	OPEN
R1114	4.7k	4.7k	OPEN
R1115	10k	10k	OPEN
R1116	10k	10k	OPEN
R1119	10k	10k	OPEN
R1120	10k	10k	OPEN
C1103	10/50	10/50	OPEN
C1104	47/25	47/25	OPEN
C1106	0.039/25	0.039/25	OPEN
C1107	0.018/50	0.018/50	OPEN
C1109	47/25	47/25	OPEN
C1110	10/50	10/50	OPEN
C1111	10/50	10/50	OPEN
D1103	MA8100 /M-X	MA8100 /M-X	OPEN
R1104	3.3k	3.3k	OPEN
R1117	10k	10k	OPEN
IC1101	RC4558D-X	RC4558D-X	OPEN

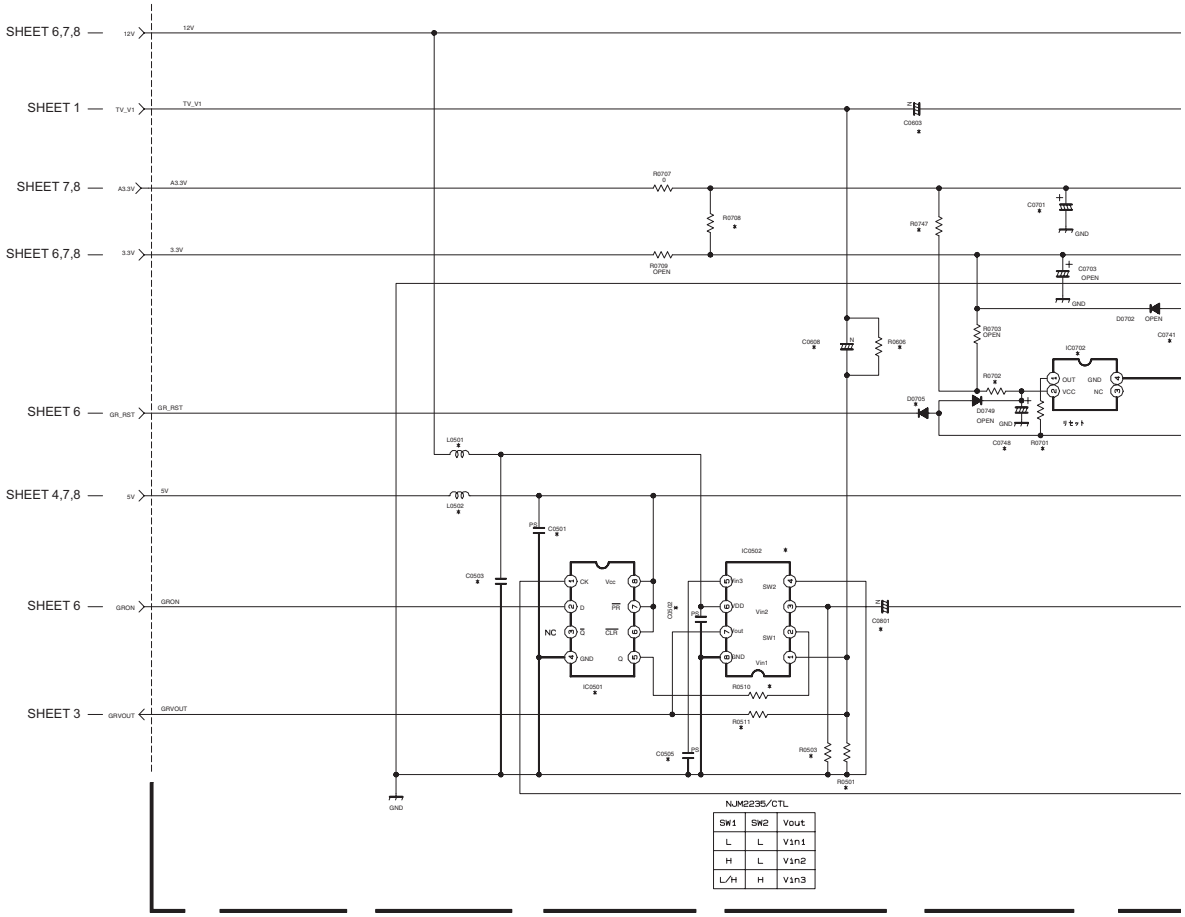
* DIFFERENCE LIST 2

	AV-32S565YA	AV-32S575YA	AV-32S565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
IC1102	OPEN	OPEN	OPEN
R1130	OPEN	OPEN	OPEN
R1131	OPEN	OPEN	OPEN
R1132	OPEN	OPEN	OPEN
R1133	OPEN	OPEN	OPEN
C1112	OPEN	OPEN	OPEN
C1113	OPEN	OPEN	OPEN
C1114	OPEN	OPEN	OPEN
C1115	OPEN	OPEN	OPEN
C1116	OPEN	OPEN	OPEN
C1117	OPEN	OPEN	OPEN
C1118	OPEN	OPEN	OPEN
C1119	OPEN	OPEN	OPEN
C1120	OPEN	OPEN	OPEN
C1121	OPEN	OPEN	OPEN
C1122	OPEN	OPEN	OPEN
C1123	OPEN	OPEN	OPEN
C1124	OPEN	OPEN	OPEN
C1125	OPEN	OPEN	OPEN
C1126	OPEN	OPEN	OPEN
C1127	OPEN	OPEN	OPEN
C1128	OPEN	OPEN	OPEN
C1129	OPEN	OPEN	OPEN
C1130	OPEN	OPEN	OPEN
C1131	OPEN	OPEN	OPEN
D1106	OPEN	OPEN	OPEN
D1107	OPEN	OPEN	OPEN
CN1053	OPEN	OPEN	OPEN
R1128	OPEN	OPEN	OPEN
R1129	OPEN	OPEN	OPEN
D1104	OPEN	OPEN	OPEN
D1105	OPEN	OPEN	OPEN
CN1E11	OPEN	OPEN	OPEN
Q1104	2SC3928A /QRI-X	2SC3928A /QRI-X	OPEN
Q1105	2SA1530A /QRI-X	2SA1530A /QRI-X	OPEN

MAIN PWB ASS'Y(2/8)
SSC-1005A-M2 : AV-32S565/Y
SSC-1004A-M2 : AV-32S575/Y
SSC-1003A-M2 : AV-32S585/Y

* DIFFERENCE LIST 1

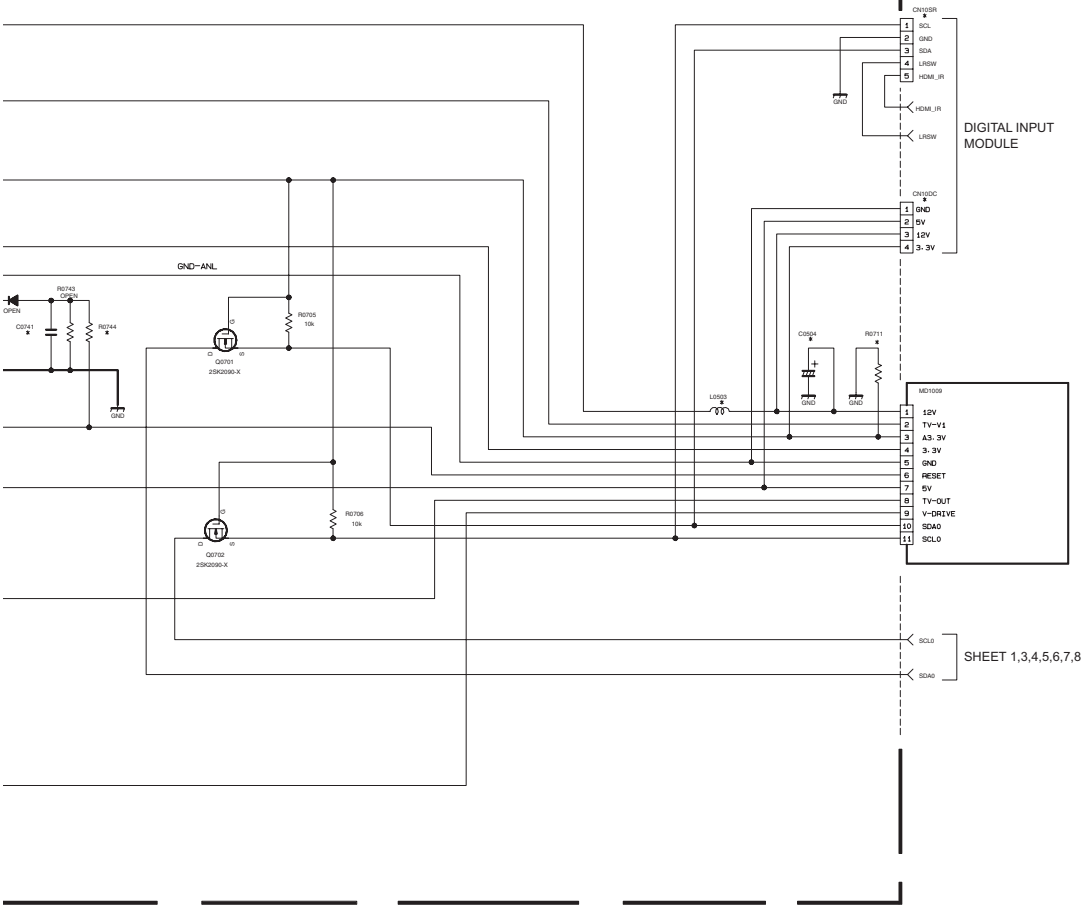
	AV-32S 565YA	AV-32S 575YA	AV-32S 565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
R0511	0	0	0
R0606	0	0	0
C0501	OPEN	OPEN	OPEN
C0502	OPEN	OPEN	OPEN
C0505	OPEN	OPEN	OPEN
R0501	OPEN	OPEN	OPEN
R0503	OPEN	OPEN	OPEN
R0510	OPEN	OPEN	OPEN
C0603	OPEN	OPEN	OPEN
C0608	OPEN	OPEN	OPEN
C0701	OPEN	OPEN	OPEN
C0741	OPEN	OPEN	OPEN
C0748	OPEN	OPEN	OPEN
R0701	OPEN	OPEN	OPEN
R0702	OPEN	OPEN	OPEN
R0708	OPEN	OPEN	OPEN
R0711	OPEN	OPEN	OPEN
R0744	OPEN	OPEN	OPEN
R0747	OPEN	OPEN	OPEN
C0801	OPEN	OPEN	OPEN



MODE PIN NO.	DC (V)
Q0701	
S	2.7
D	4.2
G	3.3
Q0702	
S	2.8
D	4.3
G	3.2

* DIFFERENCE LIST 2

	AV-32S 565YA	AV-32S 575YA	AV-32S 565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
L0501	OPEN	OPEN	OPEN
L0502	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
IC0501	OPEN	OPEN	OPEN
IC0502	OPEN	OPEN	OPEN
D0705	OPEN	OPEN	OPEN
IC0702	OPEN	OPEN	OPEN
C0503	OPEN	OPEN	OPEN
CN10SR	QJB003 -052620	QJB003 -052620	OPEN
CN10DC	QGA2501C5 -04Z	QGA2501C5 -04Z	OPEN
L0503	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
C0504	OPEN	OPEN	OPEN



MAIN PWB ASS
SSC-1005A-M2
SSC-1004A-M2
SSC-1003A-M2

MODE PIN NO.	DC (V)
IC1501	
1	4
2	4.4
3	4
4	4.4
5	4.4
6	0.7
7	3
8	3.9
9	4.4
10	3.9
11	4.4
12	4.4
13	NC
14	0
15	4
16	3.6
17	4
18	3.7
19	4.4
20	0
21	3.3
22	4
23	3.7
24	4.1
25	4.6
26	4.4
27	0
28	3.3
29	3.7
30	4.1
31	3.7
32	0
33	4.4
34	4.2
35	0
36	0.1
37	4.4
38	4.2
39	3.6
40	4.5
41	3.4
42	9
43	4.5
44	5
45	4.2
46	3.7
47	4.4
48	0
49	3.9
50	4.5
51	4.2
52	4.5
53	3.6
54	4.5
55	3.7
56	3.2
57	0
58	4.3
59	4.4
60	3.9
61	4.4
62	3.6
63	4.6
64	3.5
Q1531	
E	4.6
C	9
B	5

SS'Y(3/8)
M2 : AV-32S565/Y
M2 : AV-32S575/Y
M2 : AV-32S585/Y

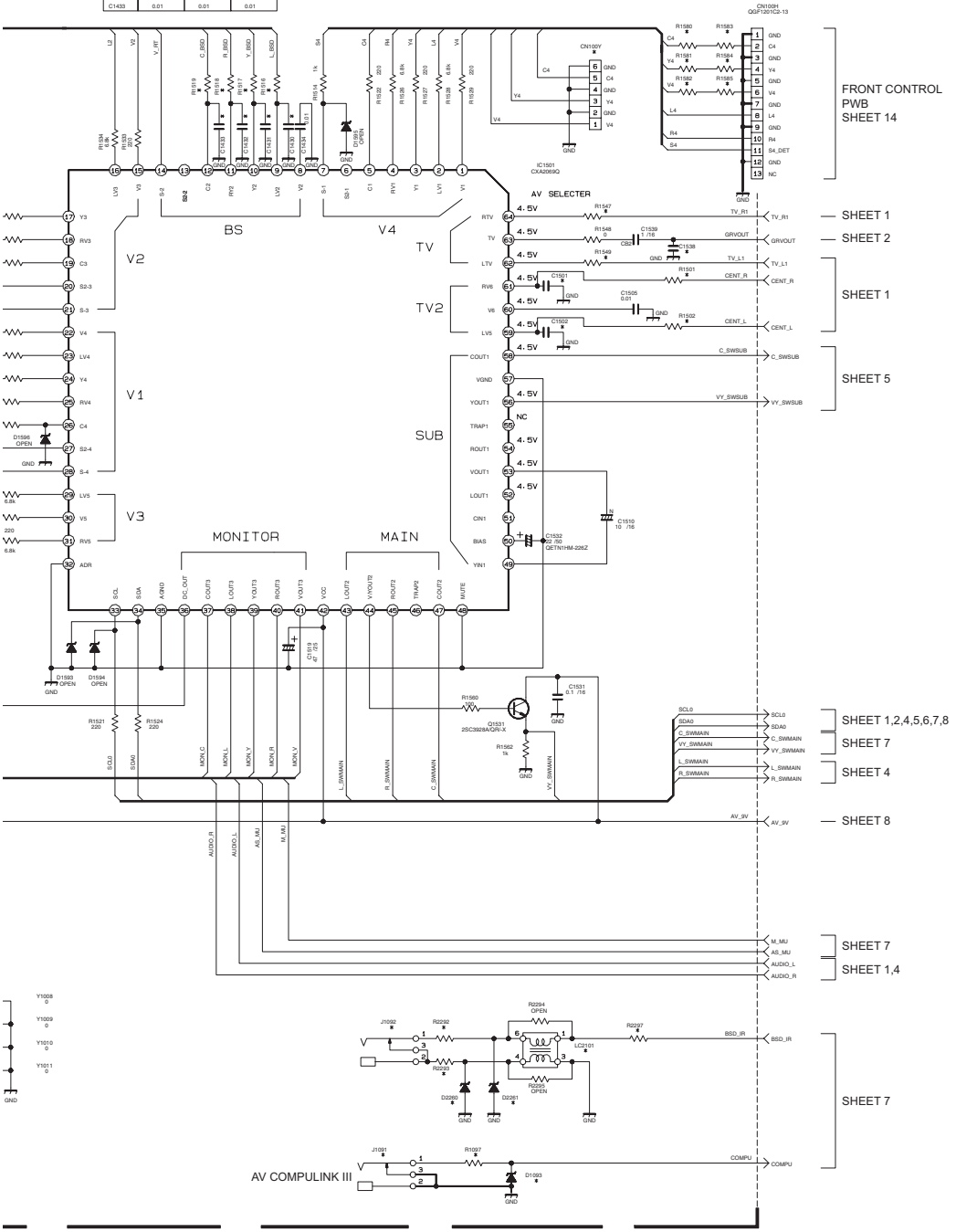
IC1501-44 (H) 1.5 Vp-p

IC1501-56 (H) 2 Vp-p

IC1501-63 (H) 0.6 Vp-p

* DIFFERENCE LIST 2

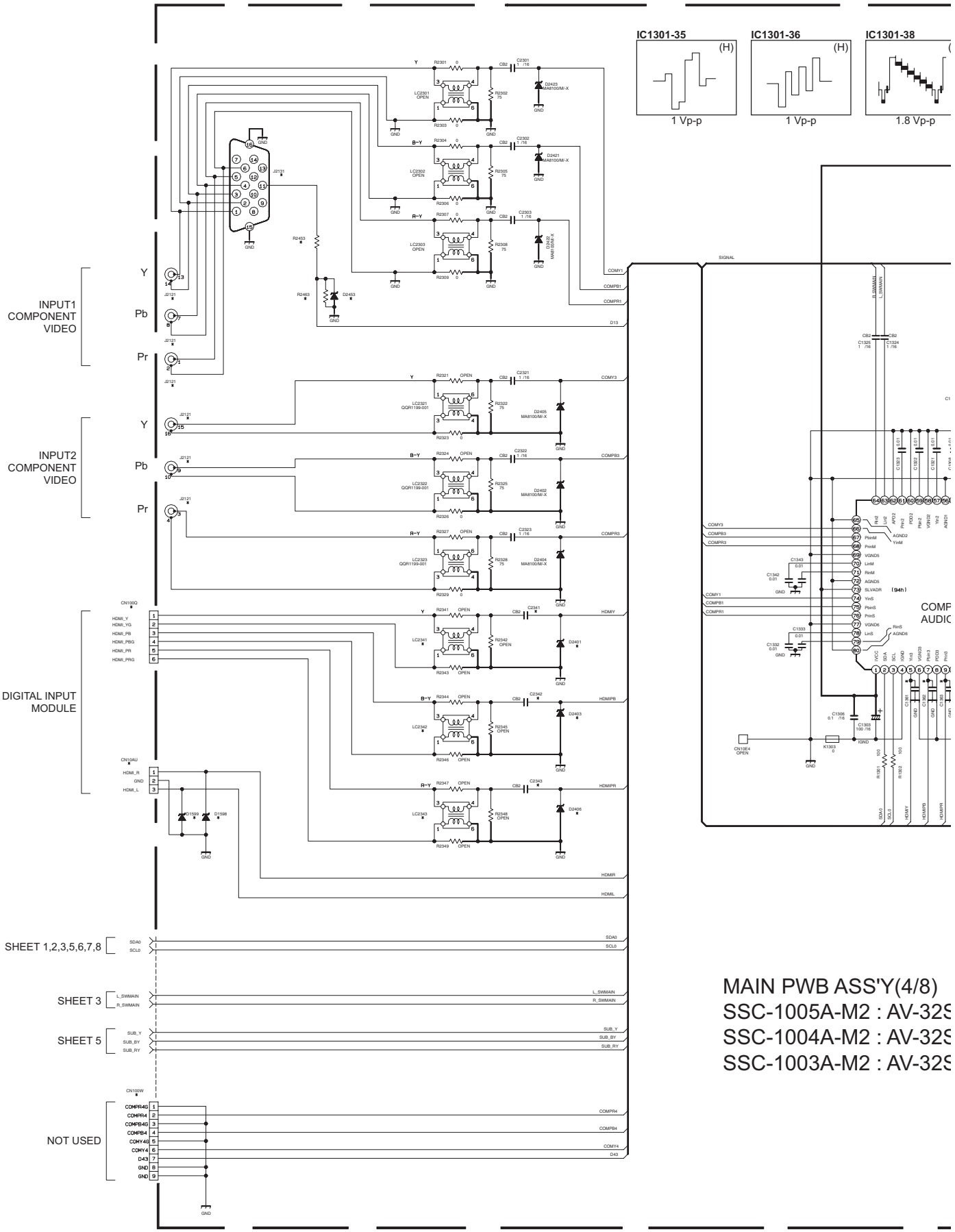
	AV-32S 585YA	AV-32S 575YA	AV-32S 565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
J1091	QNS0001 -001	OPEN	OPEN
D1093	MA8082 /M-X	OPEN	OPEN
R1097	1k	OPEN	OPEN
R1516	OPEN	OPEN	OPEN
R1517	OPEN	OPEN	OPEN
R1518	OPEN	OPEN	OPEN
R1519	OPEN	OPEN	OPEN
C1430	0.01	0.01	0.01
C1431	0.01	0.01	0.01
C1432	0.01	0.01	0.01
C1433	0.01	0.01	0.01

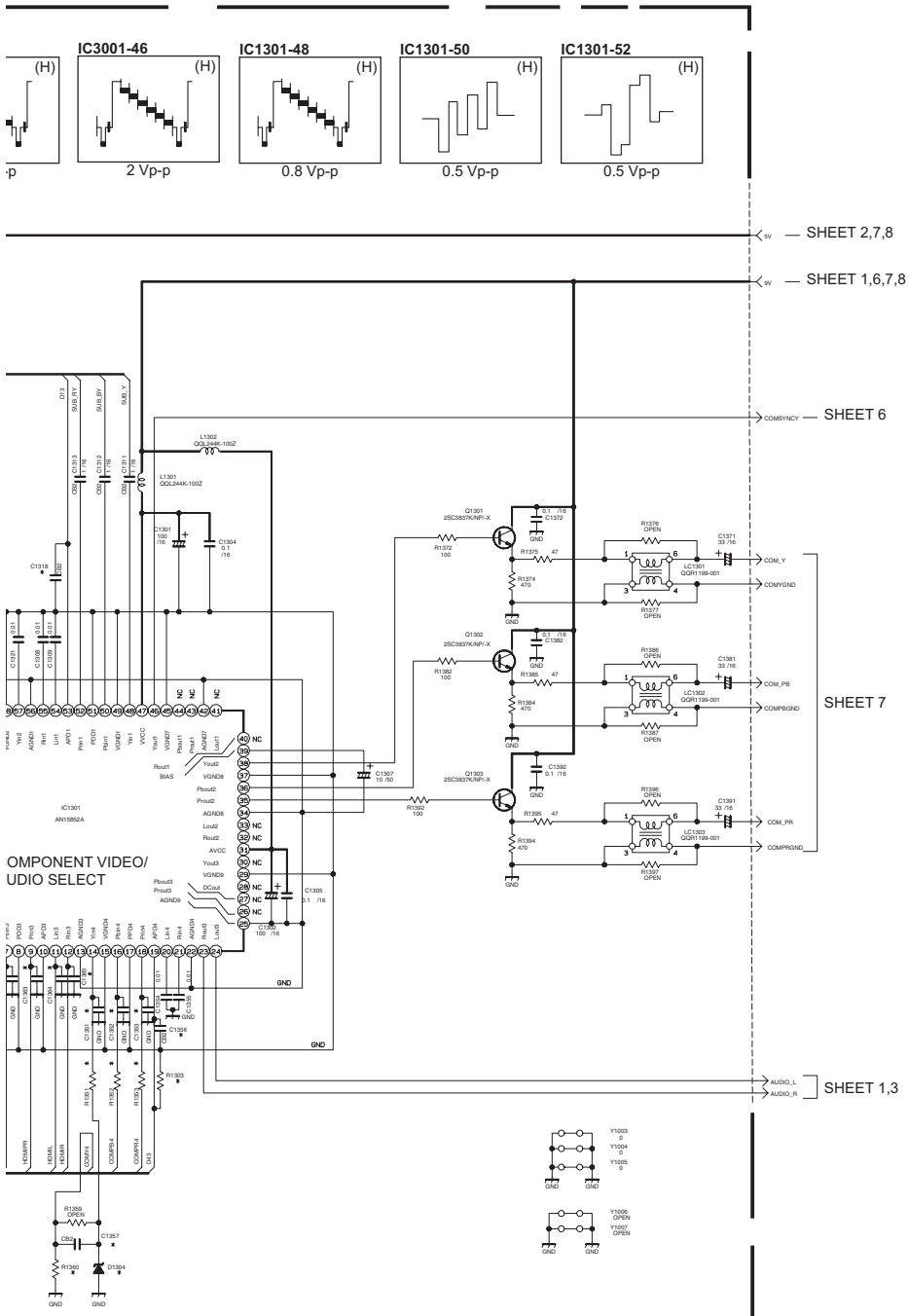


* DIFFERENCE LIST 1

	AV-32S 585YA	AV-32S 575YA	AV-32S 565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
Q2121	OPEN	OPEN	OPEN
Q2122	OPEN	OPEN	OPEN
R2124	OPEN	OPEN	OPEN
R2128	OPEN	OPEN	OPEN
R2129	OPEN	OPEN	OPEN
R2130	OPEN	OPEN	OPEN
R2134	OPEN	OPEN	OPEN
C2122	OPEN	OPEN	OPEN
C2251	OPEN	OPEN	OPEN
C2252	OPEN	OPEN	OPEN
C2253	OPEN	OPEN	OPEN
C2262	OPEN	OPEN	OPEN
C2263	OPEN	OPEN	OPEN
C2254	OPEN	OPEN	OPEN
C2255	OPEN	OPEN	OPEN
C2256	OPEN	OPEN	OPEN
C2257	OPEN	OPEN	OPEN
C2258	OPEN	OPEN	OPEN
C2260	OPEN	OPEN	OPEN
C2261	OPEN	OPEN	OPEN
D2260	OPEN	OPEN	OPEN
R2251	OPEN	OPEN	OPEN
R2252	OPEN	OPEN	OPEN
R2253	OPEN	OPEN	OPEN
R2254	OPEN	OPEN	OPEN
R2255	OPEN	OPEN	OPEN
R2256	OPEN	OPEN	OPEN
R2257	OPEN	OPEN	OPEN
R2258	OPEN	OPEN	OPEN
R2259	OPEN	OPEN	OPEN
R2261	OPEN	OPEN	OPEN
R2262	OPEN	OPEN	OPEN
R2263	OPEN	OPEN	OPEN
R2264	OPEN	OPEN	OPEN
R2265	OPEN	OPEN	OPEN
R2266	OPEN	OPEN	OPEN
R2267	OPEN	OPEN	OPEN
R2268	OPEN	OPEN	OPEN
R2269	OPEN	OPEN	OPEN
R2270	OPEN	OPEN	OPEN
R2271	OPEN	OPEN	OPEN
R2272	OPEN	OPEN	OPEN
R2273	OPEN	OPEN	OPEN
R2274	OPEN	OPEN	OPEN
R2275	OPEN	OPEN	OPEN
R2276	OPEN	OPEN	OPEN
R2277	OPEN	OPEN	OPEN
R2278	OPEN	OPEN	OPEN
R2279	OPEN	OPEN	OPEN
R2281	OPEN	OPEN	OPEN
R2282	OPEN	OPEN	OPEN
R2283	OPEN	OPEN	OPEN
R2284	OPEN	OPEN	OPEN
R2286	OPEN	OPEN	OPEN
R2288	OPEN	OPEN	OPEN
R2292	OPEN	OPEN	OPEN
R2293	OPEN	OPEN	OPEN
R2297	OPEN	OPEN	OPEN
R2107	0	0	0
R2108	0	0	0
C2101	OPEN	OPEN	OPEN
C2121	OPEN	OPEN	OPEN
C2125	OPEN	OPEN	OPEN
J2111	QND0104 -001	QND0104 -001	QND0104 -001
D2251	OPEN	OPEN	OPEN
D2252	OPEN	OPEN	OPEN
D2253	OPEN	OPEN	**OPEN**
D2258	OPEN	OPEN	OPEN
D2259	OPEN	OPEN	OPEN
D2260	OPEN	OPEN	OPEN
D2261	OPEN	OPEN	OPEN
Q2251	OPEN	OPEN	OPEN
Q2252	OPEN	OPEN	OPEN
Q2253	OPEN	OPEN	OPEN
Q2254	OPEN	OPEN	OPEN
Q2255	OPEN	OPEN	OPEN
Q2256	OPEN	OPEN	OPEN
Q2257	OPEN	OPEN	OPEN
Q2258	OPEN	OPEN	OPEN
Q2259	OPEN	OPEN	OPEN
J1092	OPEN	OPEN	OPEN
LC2101	OPEN	OPEN	OPEN
R1547	0	0	0
R1549	0	0	0
C1538	OPEN	OPEN	OPEN
R1501	OPEN	OPEN	OPEN
R1502	OPEN	OPEN	OPEN
C1501	0.01	0.01	0.01
C1502	0.01	0.01	0.01
J2121	QNN0535 -001	QNN0535 -001	QNN0535 -001
J2131	OPEN	OPEN	OPEN
D2201	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2204	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2205	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2206	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2209	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2210	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2212	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2213	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2215	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2216	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2217	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2218	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
D2219	MA8100 /M-X	MA8100 /M-X	MA8100 /M-X
CN100Y	OPEN	OPEN	OPEN
R1580	0	0	0
R1581	0	0	0
R1582	0	0	0
R1583	0	0	0
R1584	0	0	0
R1585	0	0	0

MAIN PWB CIRCUIT DIAGRAM (4/8) SHEET 4





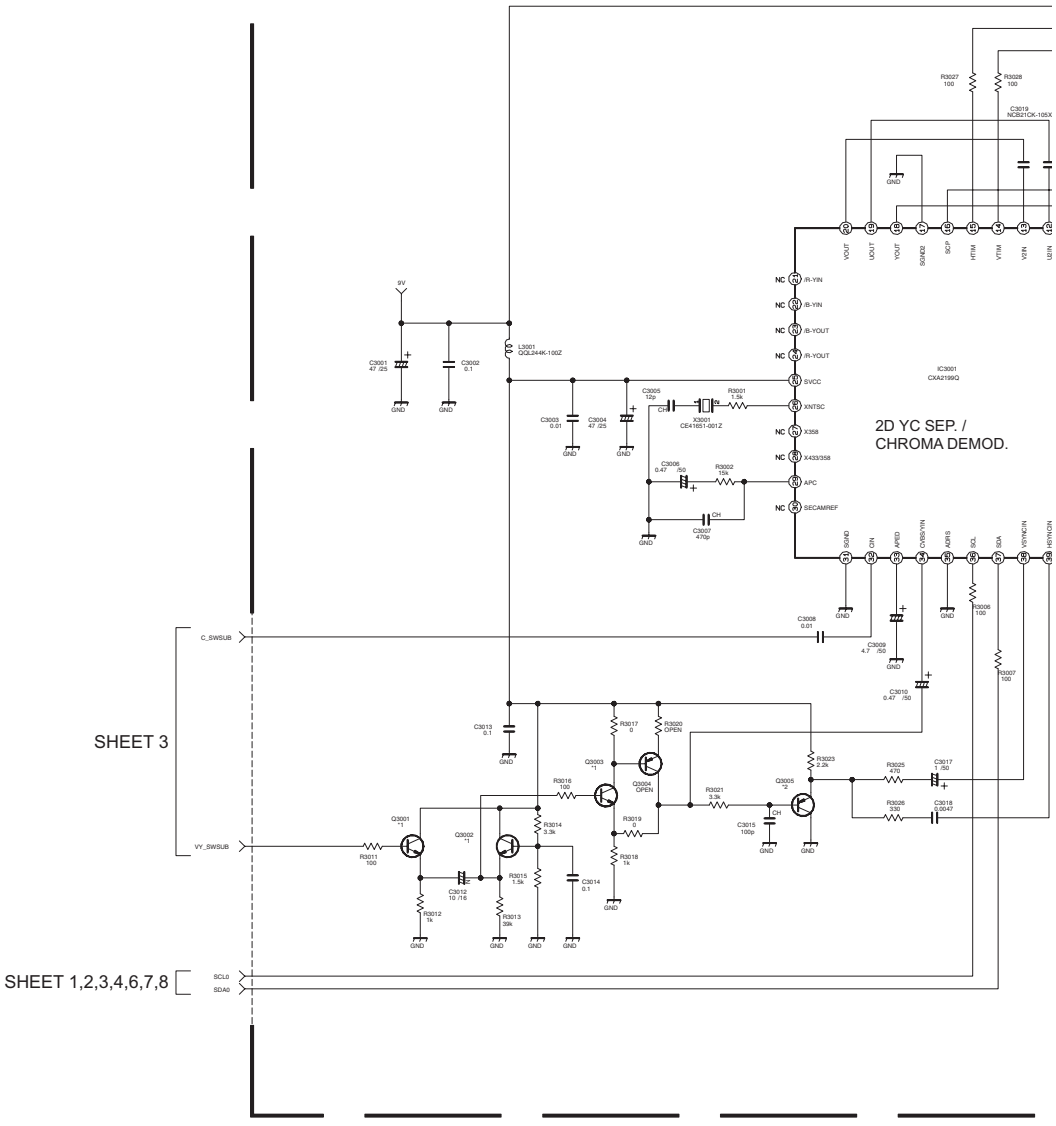
* DIFFERENCE LIST 1

	AV-32S 565YA	AV-32S 575YA	AV-32S 585YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
C2341	1/16	1/16	OPEN
C2342	1/16	1/16	OPEN
C2343	1/16	1/16	OPEN
R2453	OPEN	OPEN	OPEN
R2463	0	0	0
D2401	MA8100 /M-X	MA8100 /M-X	OPEN
D1598	MA8100 /M-X	MA8100 /M-X	OPEN
D1599	MA8100 /M-X	MA8100 /M-X	OPEN
D2453	OPEN	OPEN	OPEN
J2121	QNN0535 -001	QNN0535 -001	QNN0535 -001
J2131	OPEN	OPEN	OPEN
D2403	MA8100 /M-X	MA8100 /M-X	OPEN
D2406	MA8100 /M-X	MA8100 /M-X	OPEN
CN100Q	WJP0053 -002A	WJP0053 -002A	OPEN
CN10AU	WJP0052 -002A	WJP0052 -002A	OPEN
K1304	OPEN	OPEN	OPEN
R1378	0	0	0
C1351	0.01/50	0.01/50	0.01/50
C1352	0.01/50	0.01/50	0.01/50
C1353	0.01/50	0.01/50	0.01/50
C1357	OPEN	OPEN	OPEN
C1361	OPEN	OPEN	0.01/50
C1362	OPEN	OPEN	0.01/50
C1363	OPEN	OPEN	0.01/50
C1364	OPEN	OPEN	0.01/50
C1365	OPEN	OPEN	0.01/50
R1351	OPEN	OPEN	OPEN
R1352	OPEN	OPEN	OPEN
R1353	OPEN	OPEN	OPEN
R1360	OPEN	OPEN	OPEN
C1314	OPEN	OPEN	OPEN
C1315	OPEN	OPEN	OPEN
C1318	OPEN	OPEN	OPEN
C1356	OPEN	OPEN	OPEN
R1303	0	0	0
D1304	OPEN	OPEN	OPEN
CN100W	OPEN	OPEN	OPEN
LC2341	QQR1199 -001	QQR1199 -001	OPEN
LC2342	QQR1199 -001	QQR1199 -001	OPEN
LC2343	QQR1199 -001	QQR1199 -001	OPEN

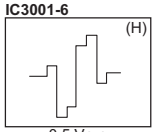
MODE PIN NO.	DC (V)
IC1301	
1	5.1
2	4.3
3	4.3
4	0
5	4.6
6	0
7	4.6
8	0
9	0
10	0
11	4.4
12	4.4
13	0
14	4.6
15	0
16	4.6
17	0
18	4.6
19	0
20	4.4
21	4.4
22	0
23	4.4
24	4.4
25	0
26	0
27	4.4
28	0
29	0
30	4.4
31	8.9
32	4.4
33	4.5
34	0
35	4.4
36	4.4
37	0
38	4.4
39	4.4
40	4.4
41	4.5
42	4.5
43	0
44	4.5
45	0
46	4.5
47	8.9
48	4.7
49	0
50	4.6
51	0
52	4.6
53	0
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.4
60	0
61	4.5
62	0
63	4.4
64	4.4
65	0
66	4.6
67	4.6
68	4.6
69	0
70	4.4
71	4.4
72	0
73	5.1
74	4.6
75	4.6
76	4.6
77	0
78	4.4
79	4.4
80	0
Q1301	
E	3.7
C	8.9
B	4.4
Q1302	
E	3.6
C	8.9
B	4.2
Q1303	
E	3.6
C	8.9
B	4.4

)
2S565/Y
2S575/Y
2S585/Y

MAIN PWB ASS'Y(5/8)
SSC-1005A-M2 : AV-32S565/Y
SSC-1004A-M2 : AV-32S575/Y
SSC-1003A-M2 : AV-32S585/Y

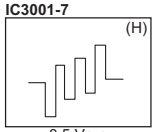


IC3001-6



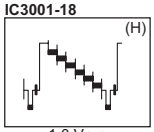
0.5 Vp-p

IC3001-7



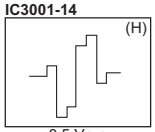
0.5 Vp-p

IC3001-18



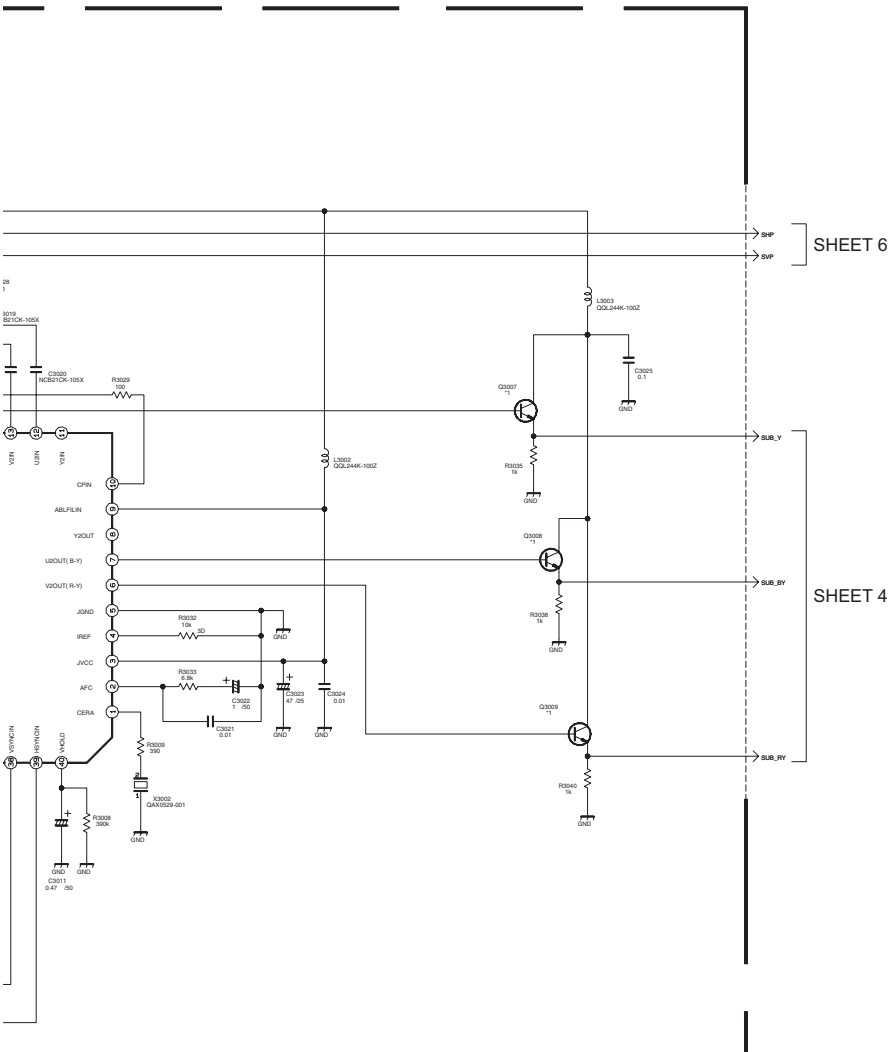
1.0 Vp-p

IC3001-14

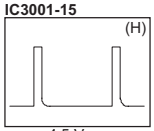


0.5 Vp-p

MODE PIN NO.	DC (V)
IC3001	
1	1.6
2	4.2
3	8.9
4	1.6
5	0
6	3
7	3
8	2.6
9	8.9
10	1
11	1
12	4.2
13	4.3
14	0.3
15	0.4
16	1
17	0
18	3.2
19	3
20	NC
21	NC
22	NC
23	NC
24	4.6
25	8.9
26	3.1
27	NC
28	NC
29	3.4
30	2.1
31	0
32	0
33	4.1
34	4.2
35	0
36	4.4
37	4.2
38	3.4
39	2.6
40	0.7
Q3001	
E	2.6
C	8.9
B	3.2
Q3002	
E	0
C	8.9
B	2.8
Q3003	
E	1.6
C	8.9
B	2.2
Q3005	
E	2.3
C	0
B	1.7
Q3007	
E	2.5
C	8.9
B	3.2
Q3008	
E	2.3
C	8.9
B	3.1
Q3009	
E	2.3
C	8.9
B	3.1

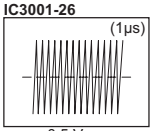


IC3001-15



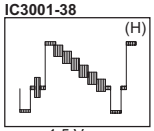
4.5 Vp-p

IC3001-26



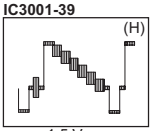
0.5 Vp-p

IC3001-38



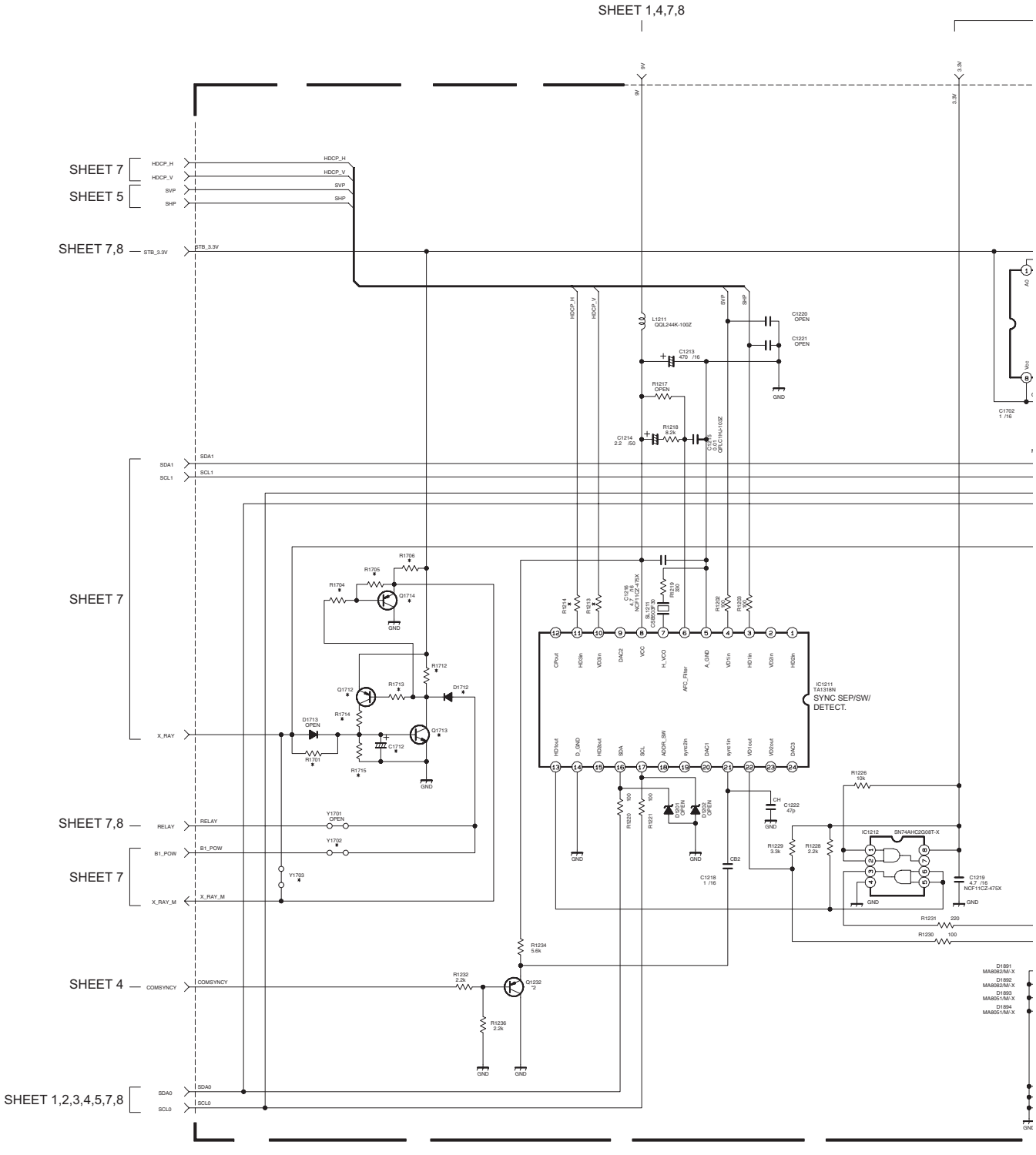
1.5 Vp-p

IC3001-39

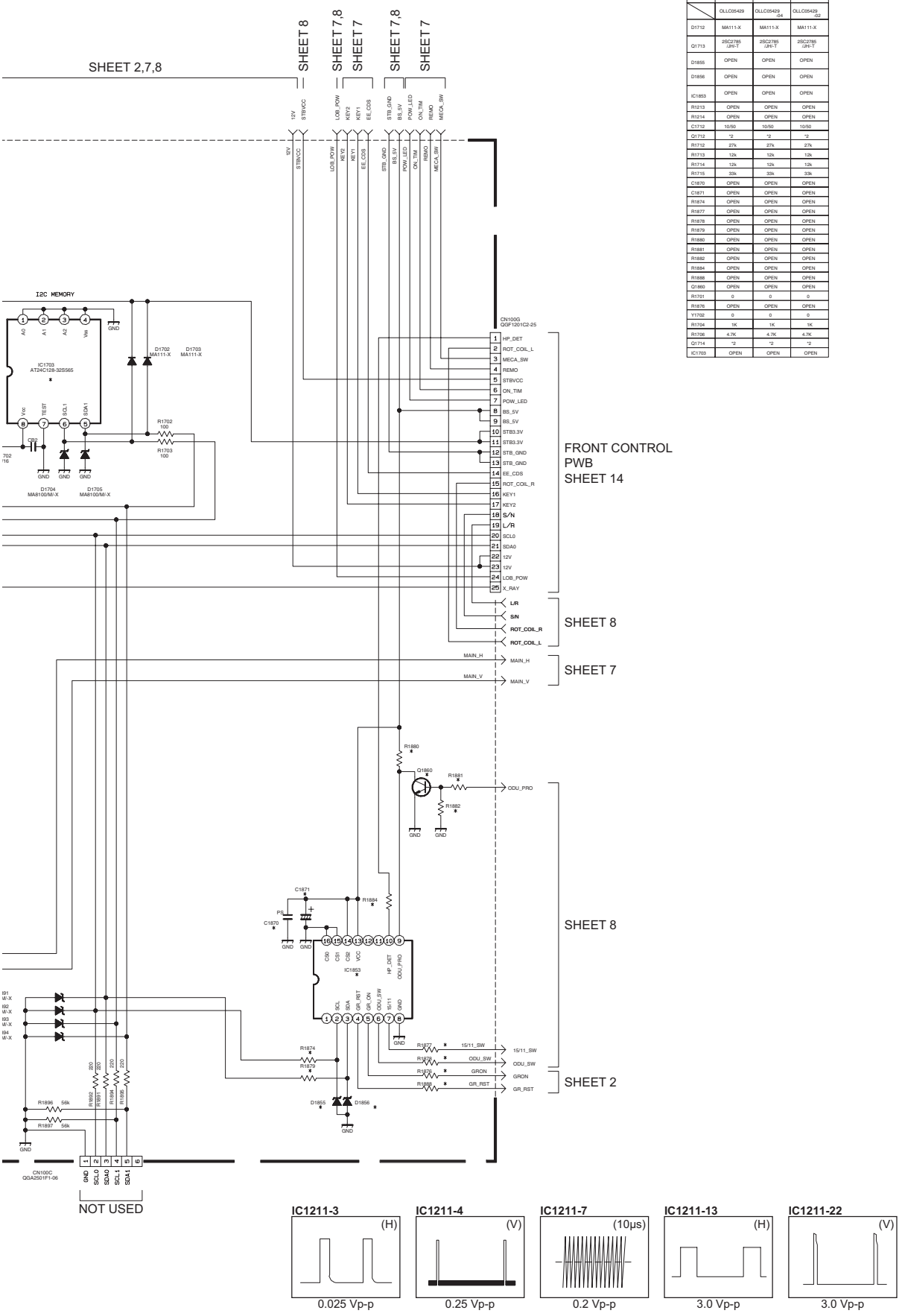


1.5 Vp-p

MAIN PWB CIRCUIT DIAGRAM (6/8) SHEET 6



MAIN PWB ASS'Y(6/8)
SSC-1005A-M2 : AV-32S565/Y
SSC-1004A-M2 : AV-32S575/Y
SSC-1003A-M2 : AV-32S585/Y



* DIFFERENCE LIST 1

	AV-32S585YA	AV-32S575YA	AV-32S565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
D1712	MA111-X	MA111-X	MA111-X
Q1713	2SC2785 /JH-T	2SC2785 /JH-T	2SC2785 /JH-T
D1855	OPEN	OPEN	OPEN
D1856	OPEN	OPEN	OPEN
IC1853	OPEN	OPEN	OPEN
R1213	OPEN	OPEN	OPEN
R1214	OPEN	OPEN	OPEN
C1712	10/50	10/50	10/50
Q1712	*2	*2	*2
R1712	27k	27k	27k
R1713	12k	12k	12k
R1714	12k	12k	12k
R1715	33k	33k	33k
C1870	OPEN	OPEN	OPEN
C1871	OPEN	OPEN	OPEN
R1874	OPEN	OPEN	OPEN
R1877	OPEN	OPEN	OPEN
R1878	OPEN	OPEN	OPEN
R1879	OPEN	OPEN	OPEN
R1880	OPEN	OPEN	OPEN
R1881	OPEN	OPEN	OPEN
R1882	OPEN	OPEN	OPEN
R1884	OPEN	OPEN	OPEN
R1888	OPEN	OPEN	OPEN
Q1860	OPEN	OPEN	OPEN
R1701	0	0	0
R1876	OPEN	OPEN	OPEN
Y1702	0	0	0
R1704	1K	1K	1K
R1706	4.7K	4.7K	4.7K
Q1714	*2	*2	*2
IC1703	OPEN	OPEN	OPEN

MODE PIN NO.	DC (V)
IC1211	
1	NC
2	NC
3	0.7
4	0.2
5	0
6	6.2
7	4.9
8	8.9
9	NC
10	0
11	0
12	NC
13	0.8
14	0
15	NC
16	0
17	4.3
18	NC
19	NC
20	NC
21	2.1
22	0.3
23	NC
24	NC
IC1212	
1	3.4
2	3.4
3	0.5
4	0
5	0
6	0.8
7	NC
8	3.3
IC1703	
1	0
2	0
3	0
4	0
5	2.7
6	2.7
7	0
8	3.2
Q1712	
E	3.2
C	0.1
B	3.2
Q1713	
E	0
C	3.1
B	0.1
Q1714	
E	2.8
C	0
B	3.2
Q1232	
E	2.8
C	0
B	2.2

IC1211-3 (H) 0.025 Vp-p

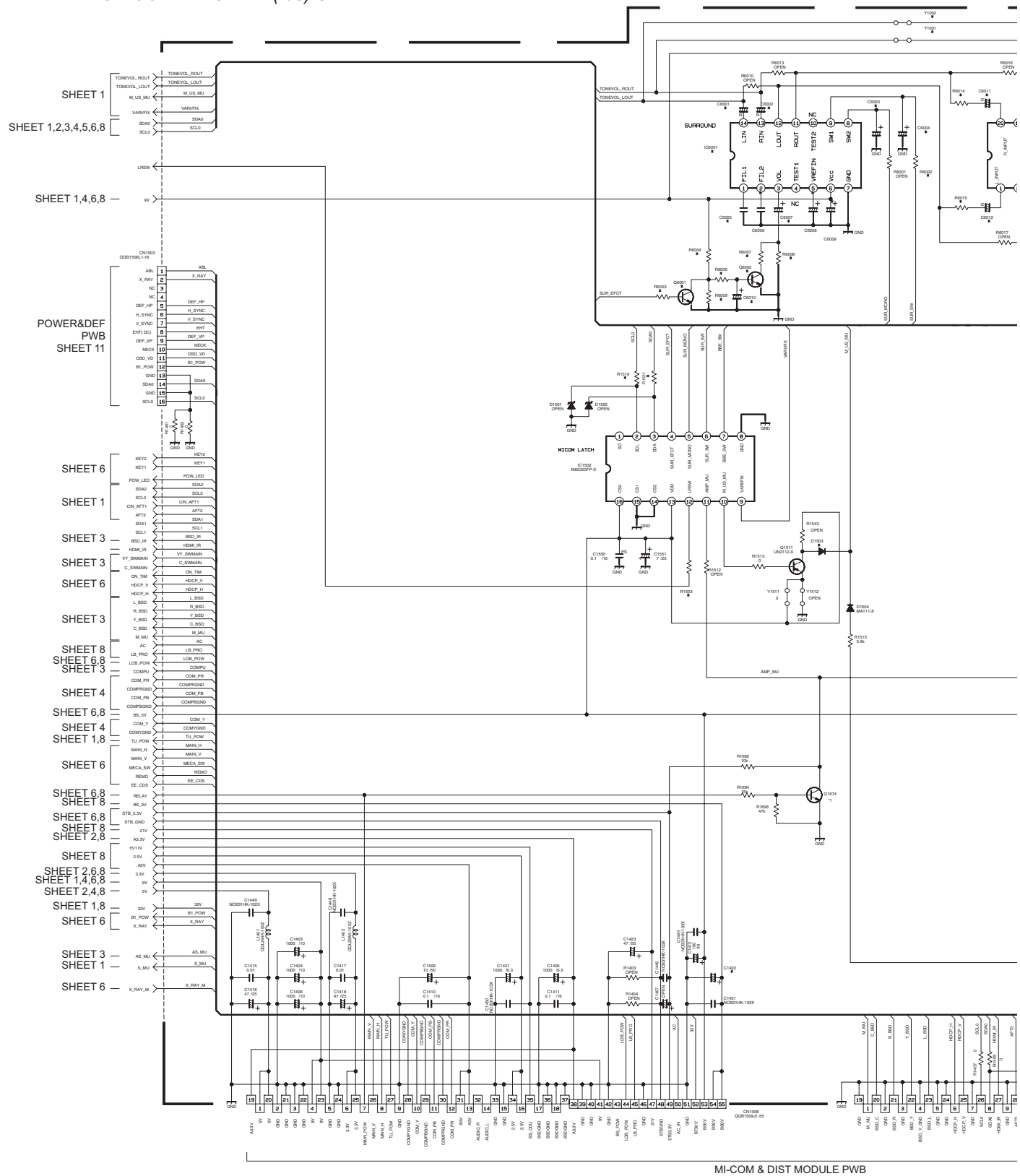
IC1211-4 (V) 0.25 Vp-p

IC1211-7 (10µs) 0.2 Vp-p

IC1211-13 (H) 3.0 Vp-p

IC1211-22 (V) 3.0 Vp-p

MAIN PWB CIRCUIT DIAGRAM (7/8) SHEET 7



CN1008-8 (H) — 1.6 Vp-p

CN1008-10 (H) — 1.8 Vp-p

CN1008-11 (H) — 1 Vp-p

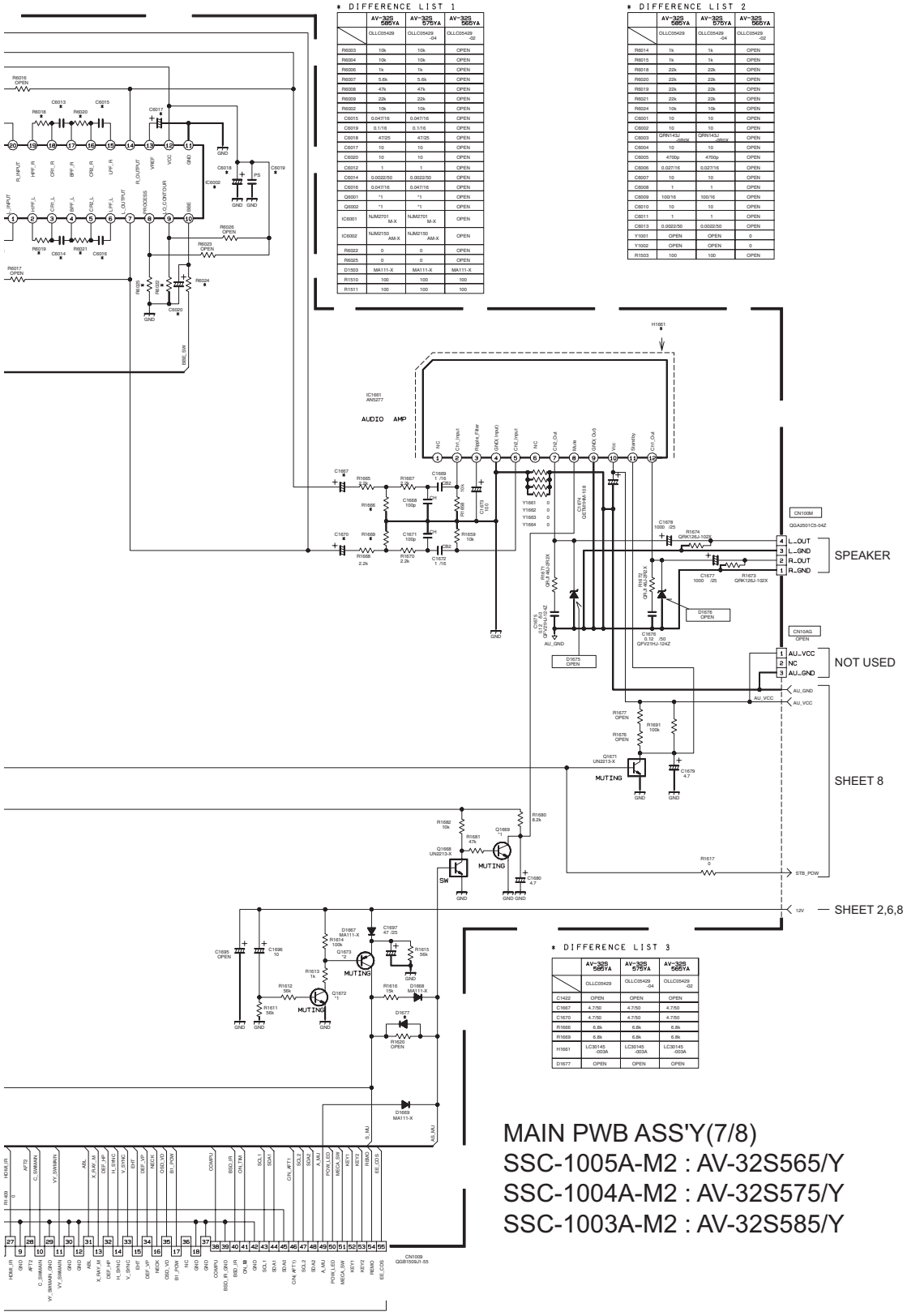
CN1008-12 (H) — 1 Vp-p

CN1008-26 (V) — 3.0 Vp-p

CN1009-11 (H) — 1.5 Vp-p

CN1009-14 (H) — 3.5 Vp-p

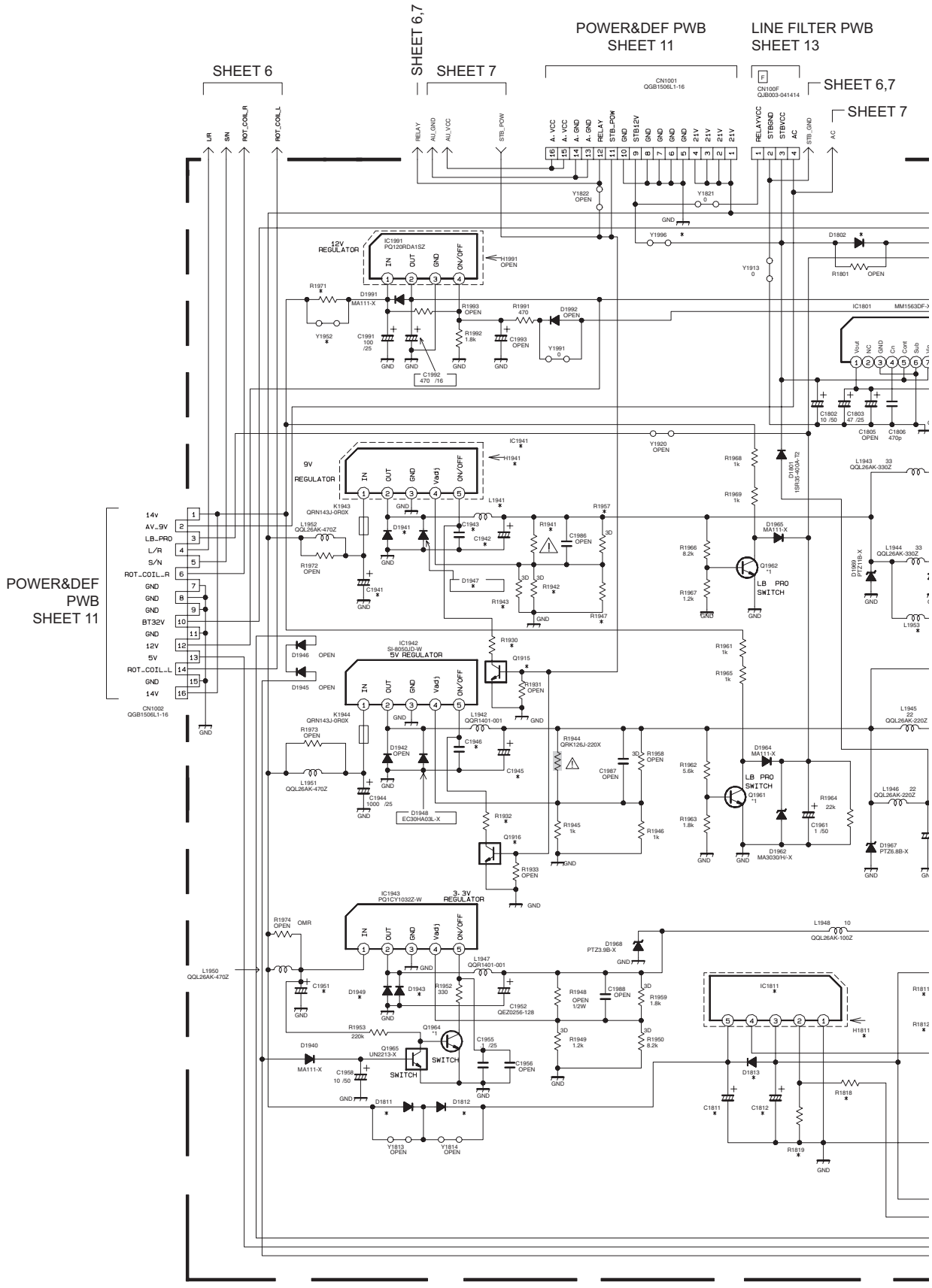
CN1009-33 (V) — 3.5 Vp-p



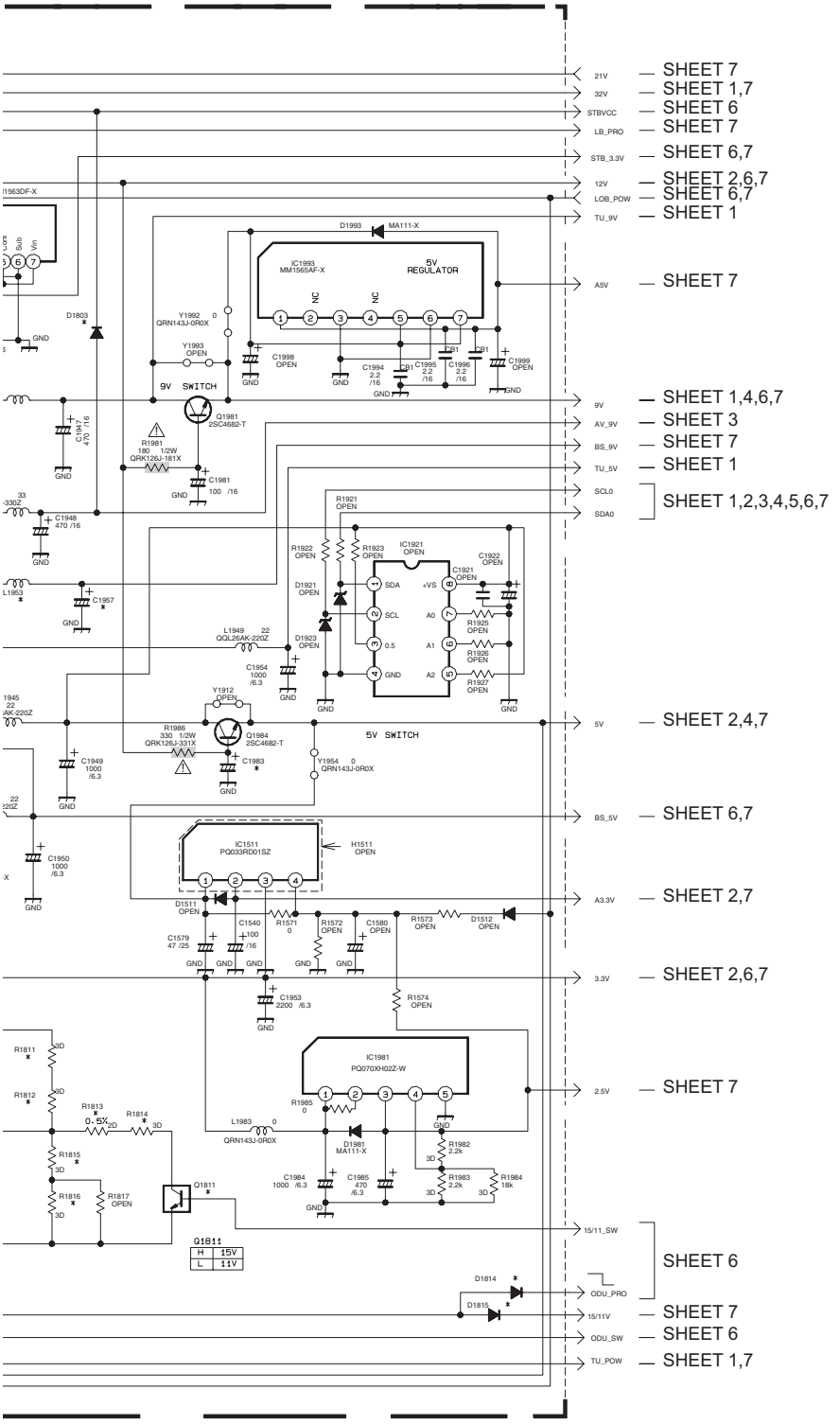
MODE PIN NO.	DC (V)
IC1502	
1	NC
2	4.3
3	4.2
4	0
5	0
6	0
7	5.1
8	0
9	5.1
10	5.1
11	0
12	5.1
13	5.2
14	0
15	0
16	5.2
IC6001	
1	4.2
2	4.4
3	4.4
4	4.4
5	4.4
6	8.9
7	0
8	0
9	0
10	4.4
11	4.4
12	4.4
13	4.4
14	4.6
IC6002	
1	4.4
2	4.4
3	4.4
4	4.4
5	4.4
6	4.4
7	4.4
8	0
9	0
10	4.8
11	0
12	8.9
13	4.4
14	4.4
15	4.4
16	4.4
17	4.4
18	4.4
19	4.4
20	4.4
IC1661	
1	NC
2	0
3	29.7
4	0
5	0
6	NC
7	15
8	0
9	0
10	31
11	10.5
12	15.1
Q1511	
E	0
C	0
B	0.6
Q6001	
E	0
C	1.3
B	0
Q6002	
E	0
C	0
B	0.6
Q1668	
E	0
C	4.4
B	0
Q1669	
E	0
C	0
B	0.6
Q1671	
E	0
C	10.4
B	0
Q1672	
E	0
C	11.8
B	0
Q1673	
E	11.4
C	0.9
B	1.8
Q1674	
E	0
C	0
B	0.6
CN1008	
1	5.1
2	0
3	0
4	8.9

MODE PIN NO.	DC (V)
5	0
6	3.2
7	3.2
8	0.5
9	0
10	3.4
11	3.7
12	3.6
13	5
14	0
15	0
16	2.6
17	0
18	0
19	3.3
20	5.1
21	0
22	0
23	8.9
24	0
25	3.2
26	0.3
27	0
28	0
29	0
30	0
31	4.9
32	0
33	0
34	2.6
35	0
36	0
37	0
38	3.3
39	0
40	0
41	8.9
42	0
43	0
44	3.1
45	0
46	0
47	20.3
48	0
49	3.2
50	0.7
51	0
52	31.6
53	5.2
54	0
55	0
CN1009	
1	0
2	0
3	0
4	0
5	0.5
6	0
7	4.4
8	4.3
9	0
10	4.4
11	4.6
12	0
13	2.8
14	0
15	2.8
16	0
17	2.7
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	4.4
27	2.7
28	2.5
29	0
30	0
31	6.1
32	1.5
33	0
34	0.3
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	2.7
44	2.7
45	4.4
46	0
47	5
48	5
49	0
50	3.2
51	2.9
52	3.2
53	3.2
54	3.7
55	0

MAIN PWB CIRCUIT DIAGRAM (8/8) SHEET 8



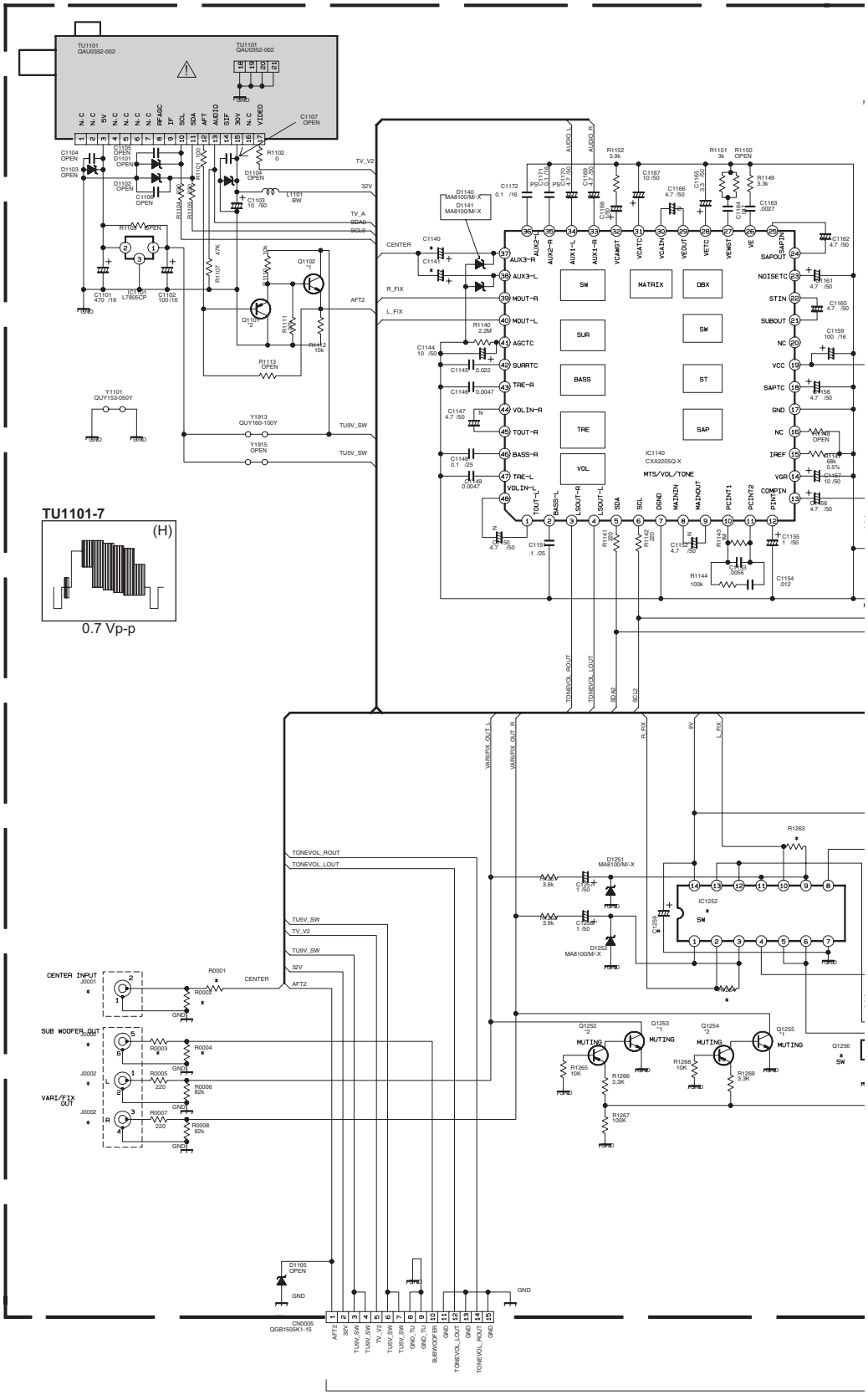
MAIN PWB ASS'Y(8/8)
SSC-1005A-M2 : AV-32S565/Y
SSC-1004A-M2 : AV-32S575/Y
SSC-1003A-M2 : AV-32S585/Y



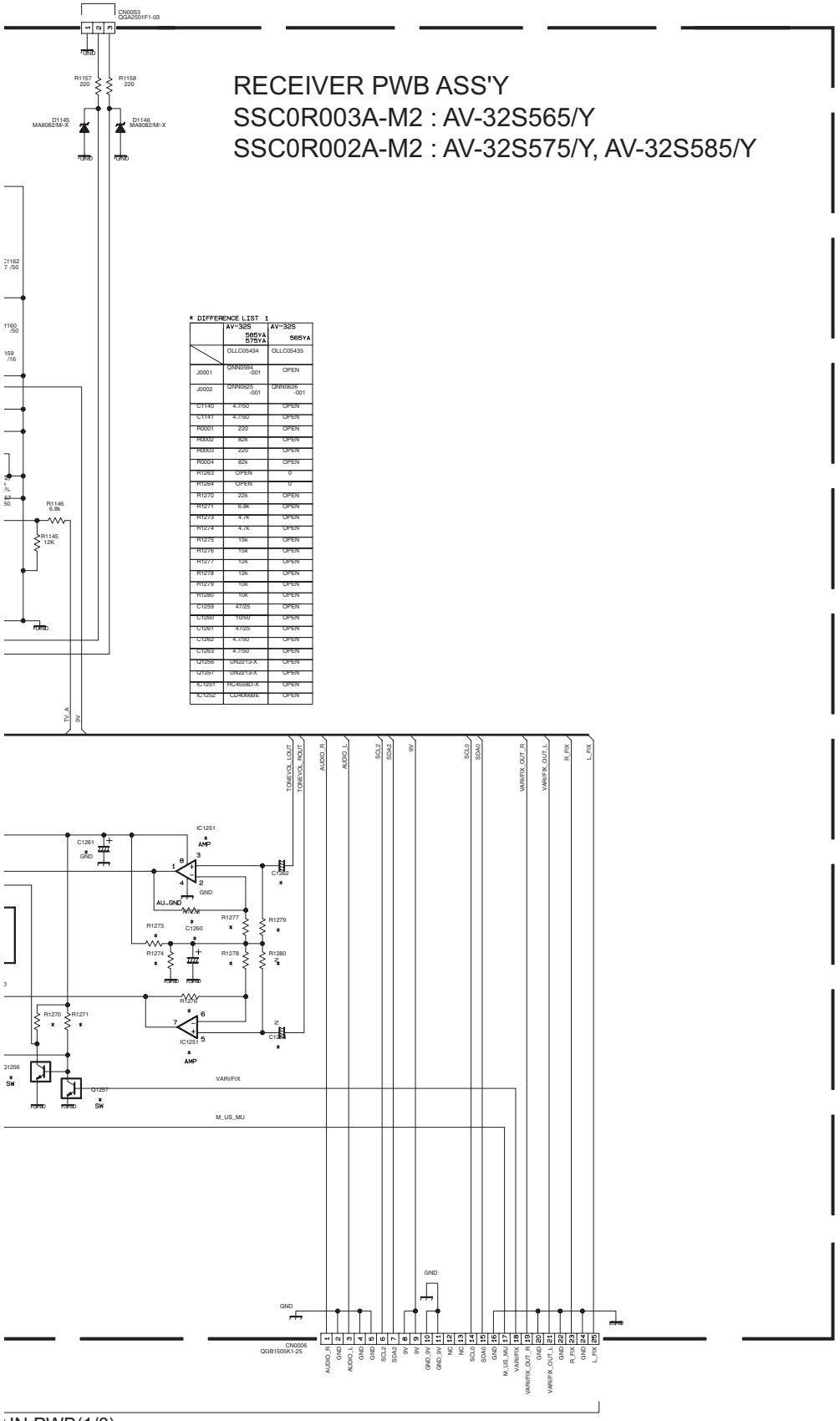
* DIFFERENCE LIST 1

	AV-32S 585YA	AV-32S 575YA	AV-32S 565YA
	OLLC05429	OLLC05429 -04	OLLC05429 -02
C1951	470/35	470/35	470/35
C1957	OPEN	OPEN	OPEN
C1983	OPEN	OPEN	OPEN
C1811	OPEN	OPEN	OPEN
C1812	OPEN	OPEN	OPEN
R1801	0	0	0
R1811	OPEN	OPEN	OPEN
R1812	OPEN	OPEN	OPEN
R1813	OPEN	OPEN	OPEN
R1816	OPEN	OPEN	OPEN
R1818	OPEN	OPEN	OPEN
R1819	OPEN	OPEN	OPEN
D1943	OPEN	OPEN	OPEN
D1949	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X
L1941	QQR1401 -001	QQR1401 -001	QQR1402 -001
C1941	470/25	470/25	470/25
R1947	OPEN	OPEN	OPEN
R1957	6.8K	6.8K	6.8K
C1948	1/25	1/25	1/25
R1932	1K	1K	1K
Q1916	UN2213-X	UN2213-X	UN2213-X
C1943	1/25	1/25	1/25
R1930	1K	1K	1K
Q1915	UN2213-X	UN2213-X	UN2213-X
D1802	OPEN	OPEN	OPEN
D1803	OPEN	OPEN	OPEN
D1944	OPEN	OPEN	OPEN
L1953	OPEN	OPEN	OPEN
R1971	QRT039J -1R0	QRT039J -1R0	QRT039J -1R0
Y1952	OPEN	OPEN	OPEN
D1811	OPEN	OPEN	OPEN
D1812	OPEN	OPEN	OPEN
D1813	OPEN	OPEN	OPEN
D1814	OPEN	OPEN	OPEN
D1815	OPEN	OPEN	OPEN
H1811	OPEN	OPEN	OPEN
IC1811	OPEN	OPEN	OPEN
Q1811	OPEN	OPEN	OPEN
R1814	OPEN	OPEN	OPEN
R1815	OPEN	OPEN	OPEN
C1942	1000/16	1000/16	1000/16
D1941	OPEN	OPEN	OPEN
IC1941	PQ1CG21 H2FZ	PQ1CG21 H2FZ	PQ1CG21 H2FZ
H1941	OPEN	OPEN	OPEN
R1941	OPEN	OPEN	OPEN
R1942	1.2K	1.2K	1.2K
R1943	12k	12k	12k
D1947	EC30HA 03L-X	EC30HA 03L-X	EC30HA 03L-X
C1945	QEZ0256 -228	QEZ0256 -228	QEZ0256 -228
Y1996	0	0	0

MODE PIN NO.	DC (V)
IC1511	
1	5.1
2	3.3
3	0
4	5.1
IC1801	
1	3.2
2	0
3	0
4	1.9
5	4.9
6	0
7	4.9
IC1941	
1	20.3
2	9.1
3	0
4	1.2
5	6.8
IC1942	
1	20.3
2	5.2
3	0
4	4.9
5	2.3
IC1943	
1	20.3
2	3.3
3	0
4	1.2
5	6.8
IC1981	
1	3.3
2	3.3
3	2.6
4	1.2
5	0
IC1991	
1	14.6
2	11.9
3	0
4	2.5
IC1993	
1	5
2	NC
3	0
4	NC
5	8.9
6	0
7	8.9
Q1915	
E	0
C	6.8
B	0
Q1916	
E	0
C	2.3
B	0
Q1961	
E	0
C	0
B	0.6
Q1962	
E	0
C	0
B	0.6
Q1964	
E	0
C	6.7
B	0
Q1965	
E	0
C	0
B	2.7
Q1981	
E	8.9
C	8.9
B	9.7
Q1984	
E	5.1
C	5.1
B	5.9


TU1101-7
(H)
0.7 Vp-p
MAIN
SH

NOT USED



RECEIVER PWB ASS'Y
SSC0R003A-M2 : AV-32S565/Y
SSC0R002A-M2 : AV-32S575/Y, AV-32S585/Y

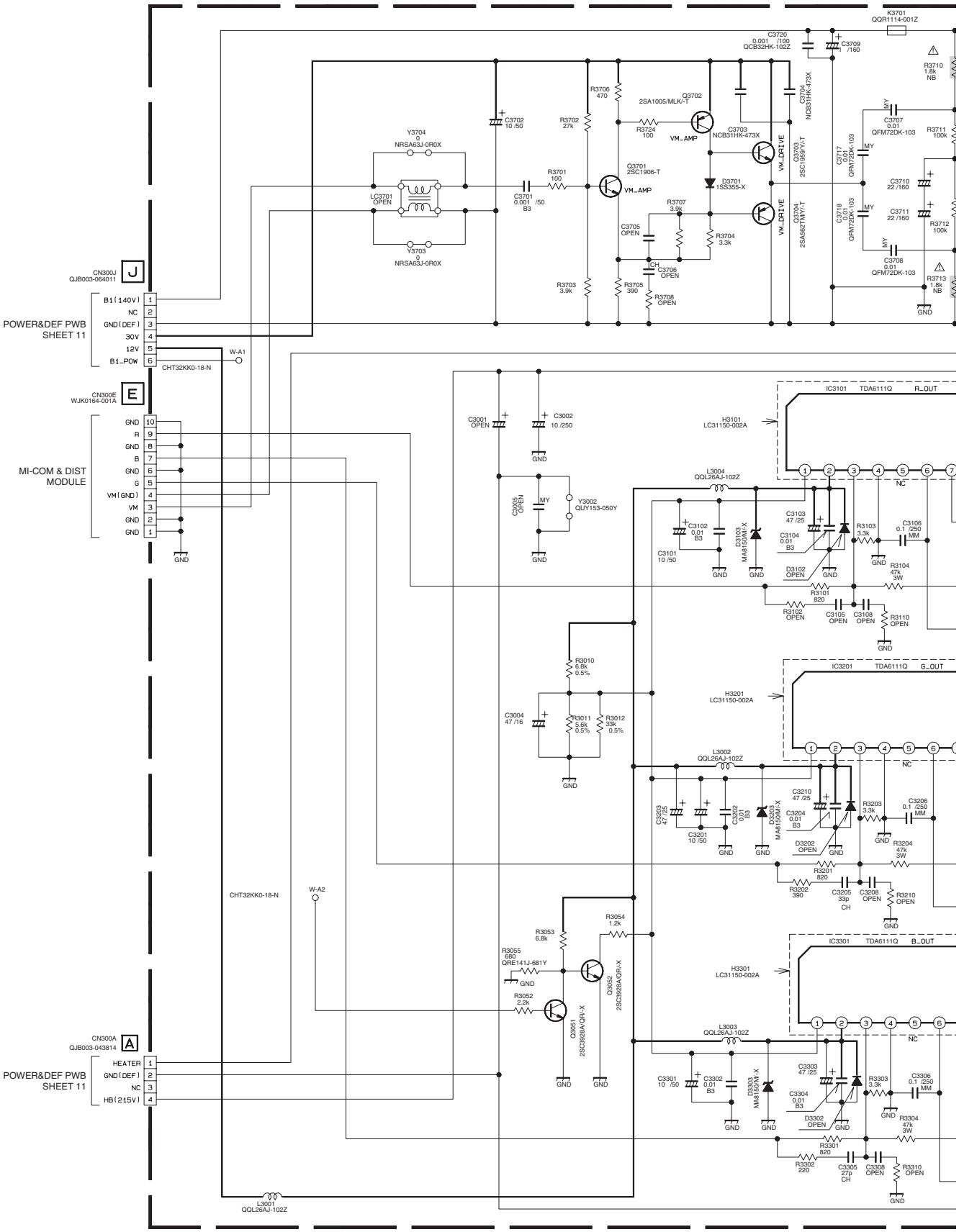
* DIFFERENCE LIST 1

	AV-32S 585YA 575YA	AV-32S 565YA
	OLLC05434	OLLC05435
J0001	QNN0594 -001	OPEN
J0002	QNN0625 -001	QNN0626 -001
C1140	4.7/50	OPEN
C1141	4.7/50	OPEN
R0001	220	OPEN
R0002	82k	OPEN
R0003	220	OPEN
R0004	82k	OPEN
R1263	OPEN	0
R1264	OPEN	0
R1270	22k	OPEN
R1271	6.8k	OPEN
R1273	4.7k	OPEN
R1274	4.7k	OPEN
R1275	15k	OPEN
R1276	15k	OPEN
R1277	12k	OPEN
R1278	12k	OPEN
R1279	10k	OPEN
R1280	10k	OPEN
C1259	47/25	OPEN
C1260	10/50	OPEN
C1261	47/25	OPEN
C1262	4.7/50	OPEN
C1263	4.7/50	OPEN
Q1256	UN2213-X	OPEN
Q1257	UN2213-X	OPEN
IC1251	RC4558D-X	OPEN
IC1252	CD4066BE	OPEN

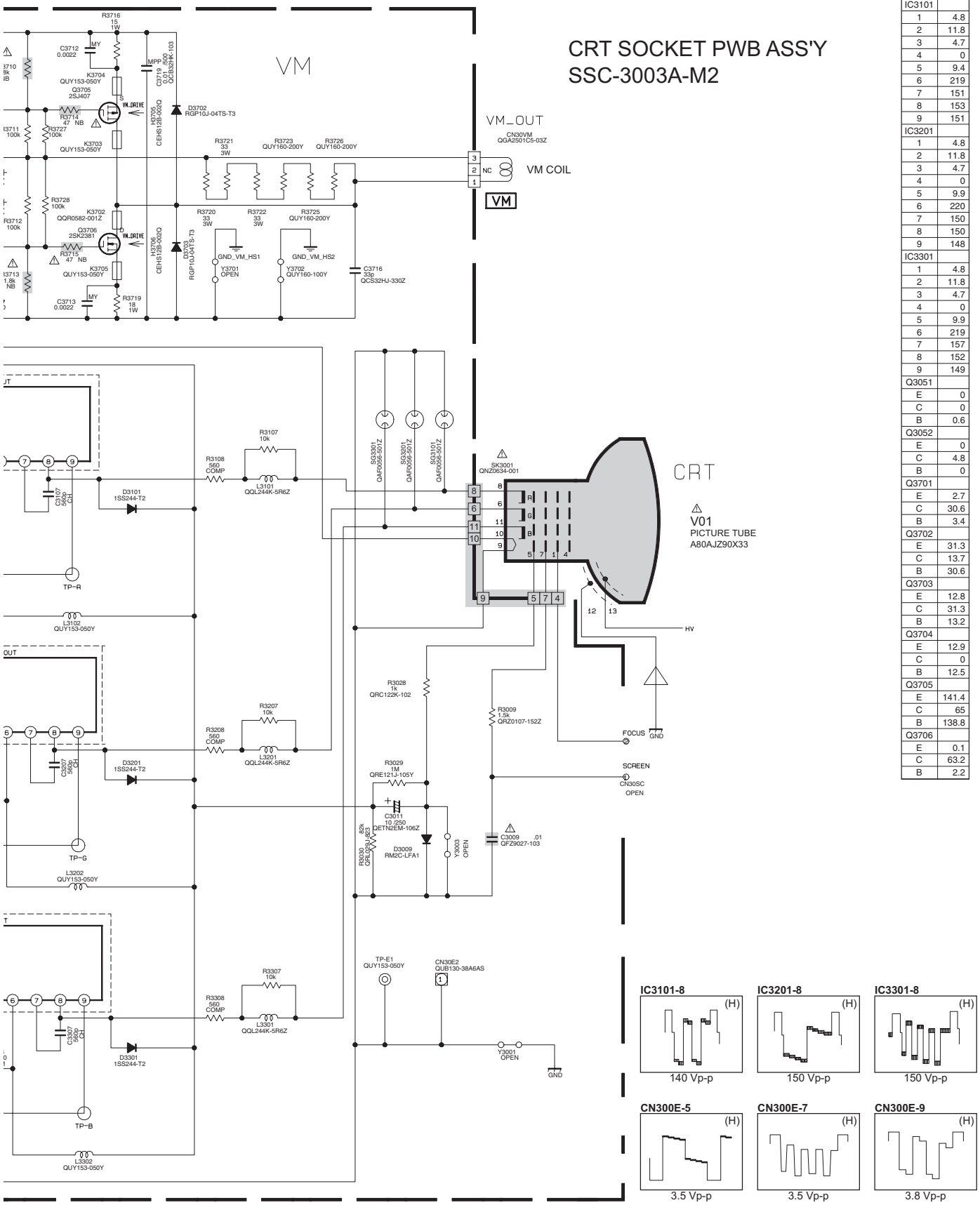
MODE PIN NO.	DC (V)
IC1101	
1	8.9
2	5
3	0
IC1140	
1	4
2	4
3	4.1
4	4
5	4.3
6	4.3
7	0
8	4
9	4
10	4
11	4
12	1.9
13	4
14	1.9
15	1.2
16	NC
17	0
18	1.9
19	8.9
20	NC
21	4
22	4
23	1.9
24	4
25	4
26	4
27	4
28	1.9
29	4
30	4
31	1.9
32	4
33	4
34	4
35	4
36	4
37	4
38	4
39	4
40	4
41	1.1
42	4
43	4
44	4
45	4.1
46	4.1
47	4.1
48	4
IC1251	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.4
7	4.4
8	8.9
IC1252	
1	4.1
2	4.1
3	4.1
4	4.4
5	0
6	0
7	0
8	4.4
9	4.1
10	4.1
11	4.1
12	8.9
13	8.9
14	8.9
Q1101	
E	3.8
C	0
B	3.2
Q1102	
E	3.2
C	8.9
B	3.2
Q1252	
E	0
C	-0.9
B	0
Q1253	
E	0
C	0
B	-0.9
Q1254	
E	0
C	-1
B	0
Q1255	
E	0
C	0
B	-1
Q1256	
E	0
C	8.8
B	0
Q1257	
E	0
C	0
B	5.1
TU1101	
1	4.1
2	4.1
3	4.1
4	4.4
5	0
6	0
7	0
8	4.4
9	4.1
10	4.1
11	4.1
12	8.9
13	8.9
14	8.9

AIN PWB(1/8)
SHEET 1

CRT SOCKET PWB CIRCUIT DIAGRAM SHEET 10

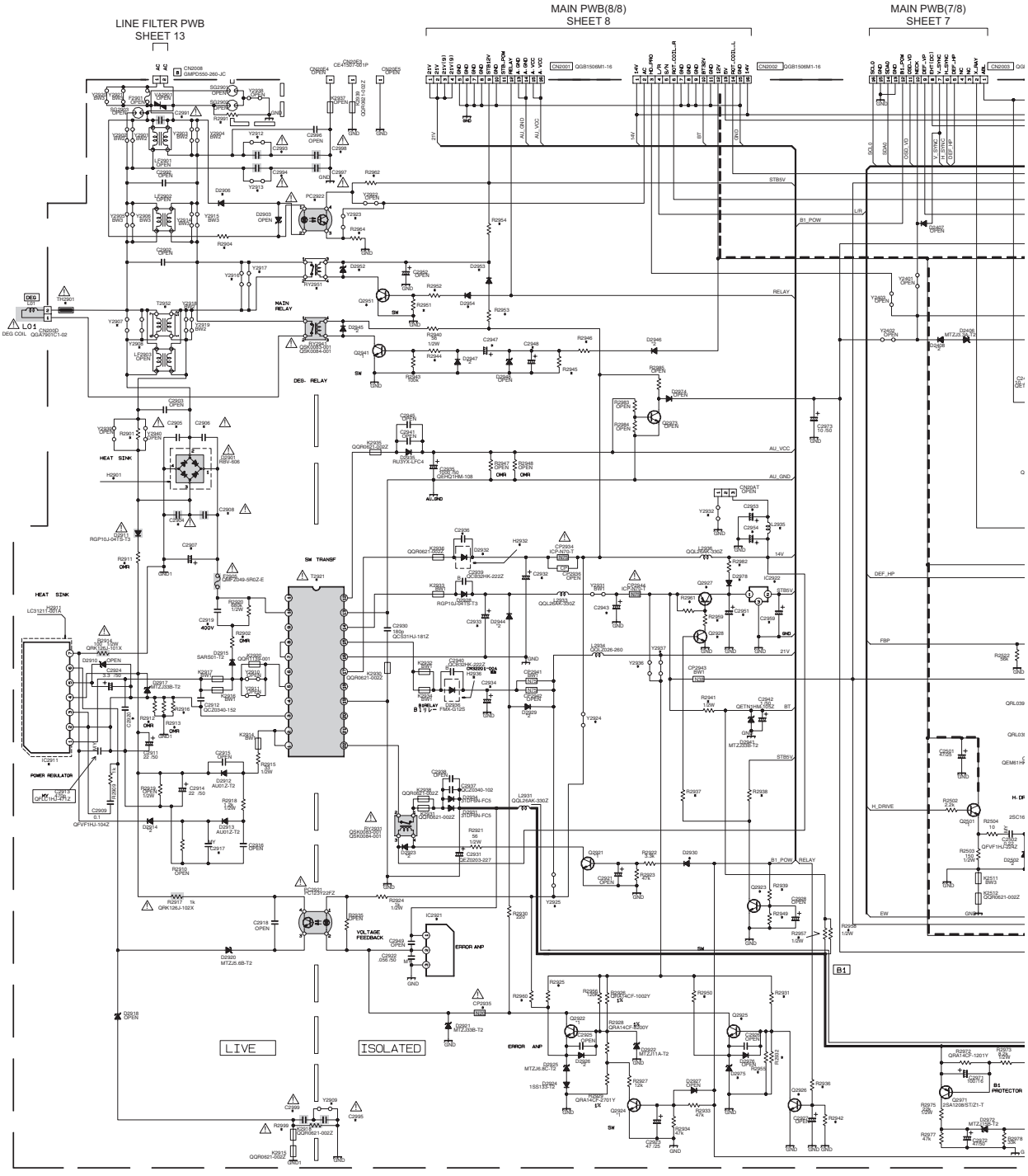


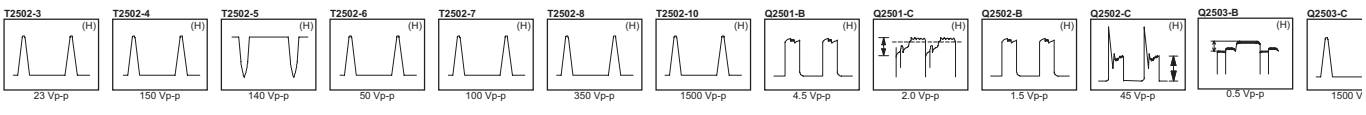
CRT SOCKET PWB ASS'Y
SSC-3003A-M2

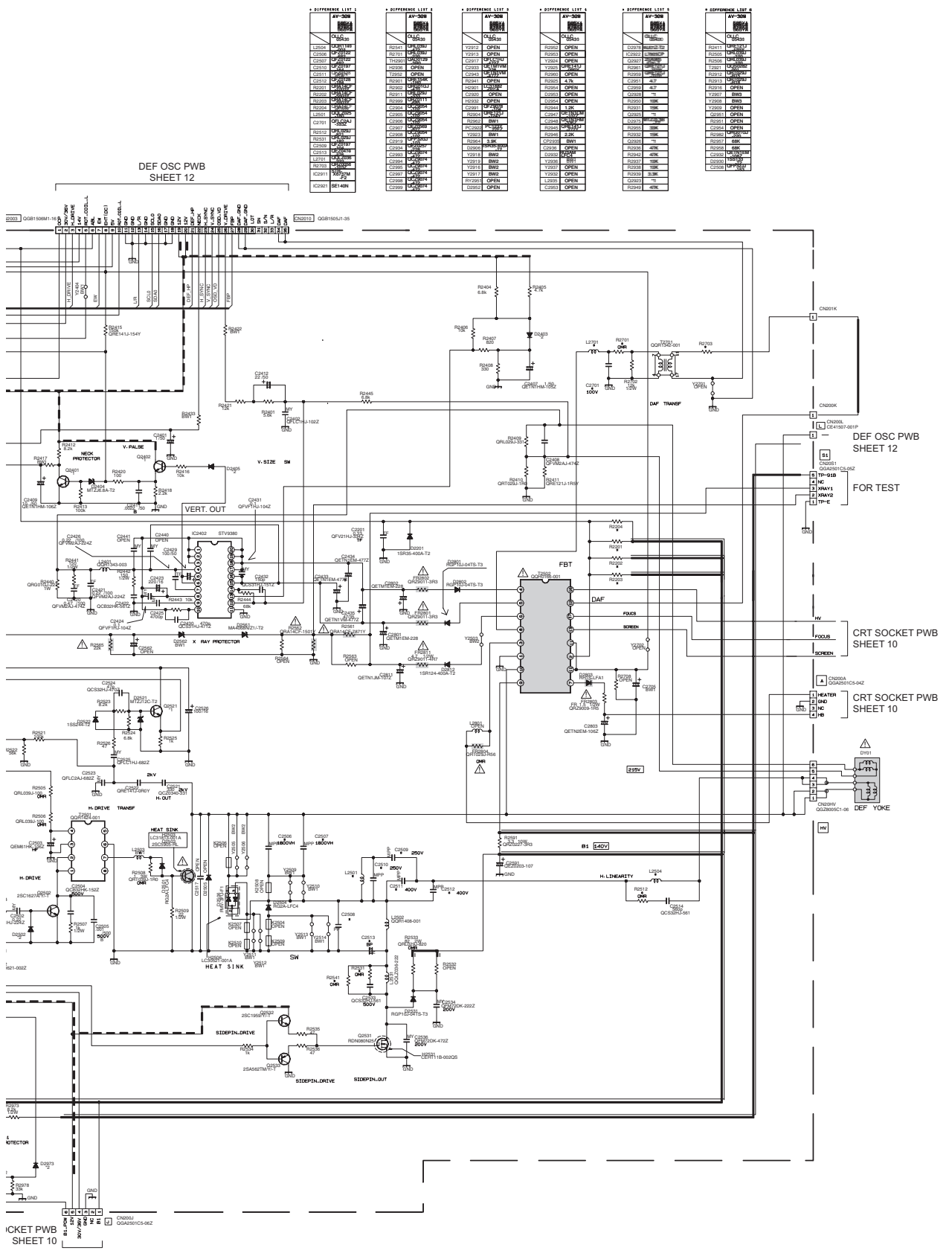


MODE PIN NO.	DC (V)
IC3101	
1	4.8
2	11.8
3	4.7
4	0
5	9.4
6	219
7	151
8	153
9	151
IC3201	
1	4.8
2	11.8
3	4.7
4	0
5	9.9
6	220
7	150
8	150
9	148
IC3301	
1	4.8
2	11.8
3	4.7
4	0
5	9.9
6	219
7	157
8	152
9	149
Q3051	
E	0
C	0
B	0.6
Q3052	
E	0
C	4.8
B	0
Q3701	
E	2.7
C	30.6
B	3.4
Q3702	
E	31.3
C	13.7
B	30.6
Q3703	
E	12.8
C	31.3
B	13.2
Q3704	
E	12.9
C	0
B	12.5
Q3705	
E	141.4
C	65
B	138.8
Q3706	
E	0.1
C	63.2
B	2.2

POWER&DEF PWB ASS'Y
SSC-2003A-M2

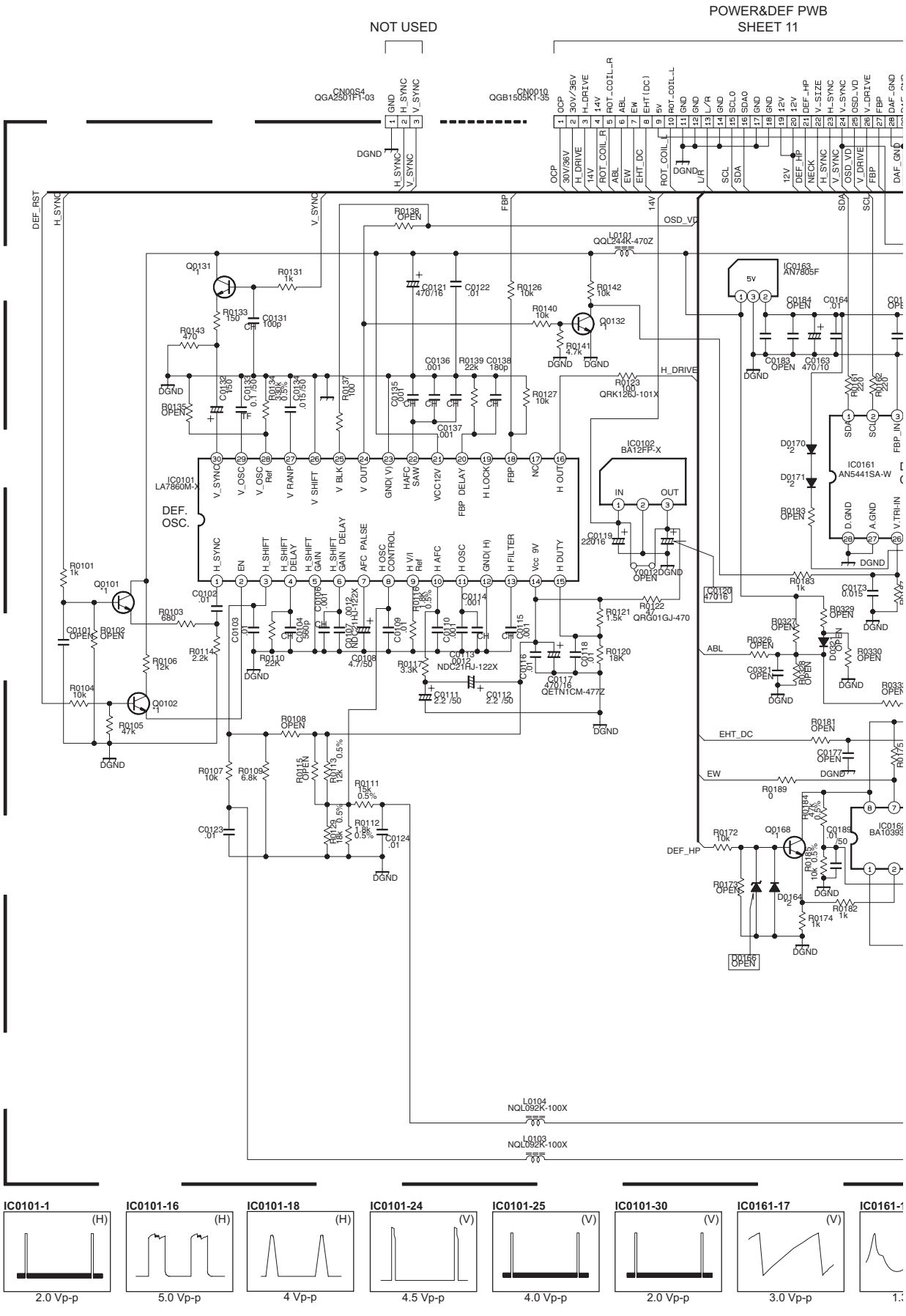




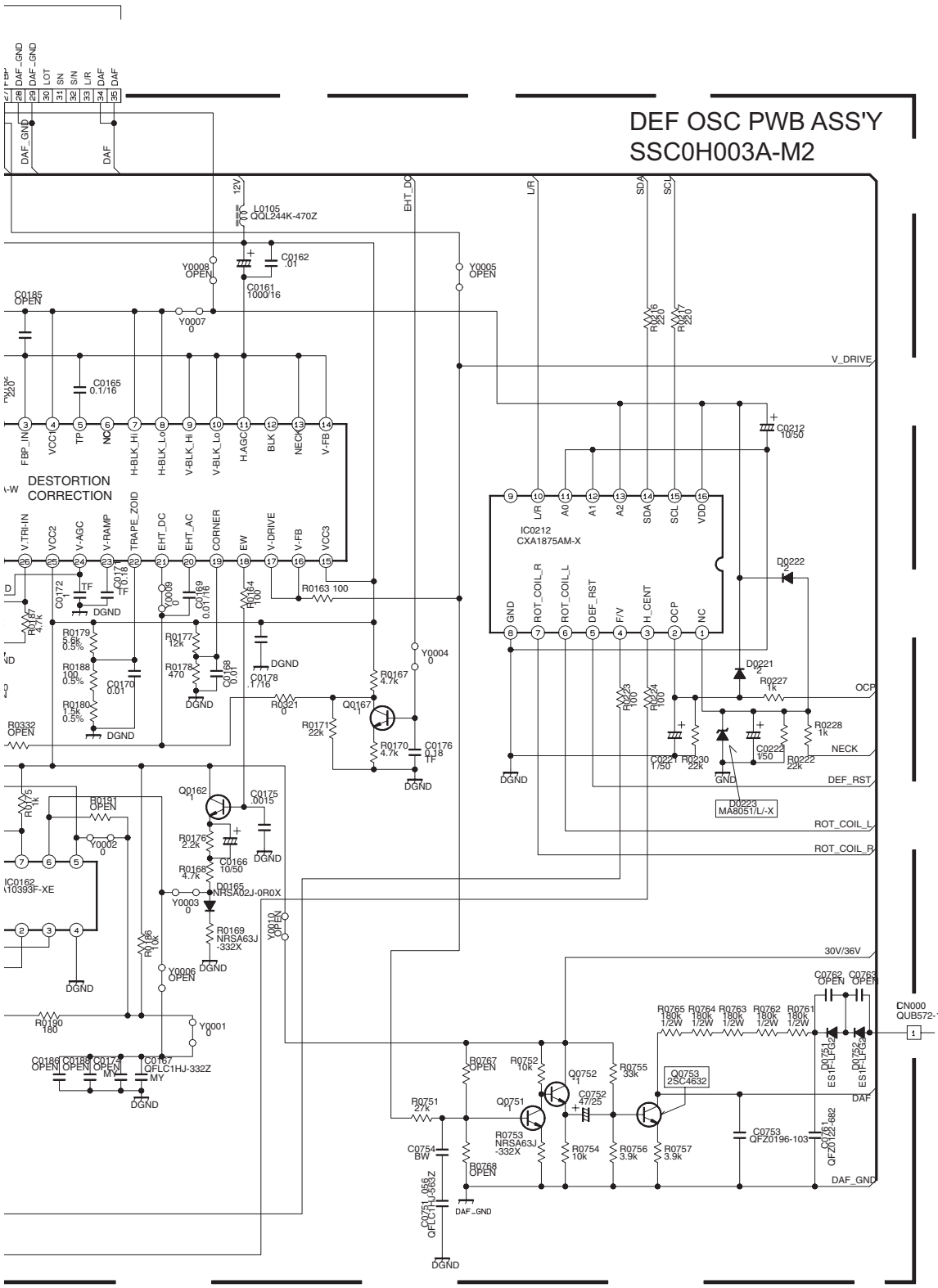


MODE PIN NO.	DC (V)
IC2911	
1	129
2	0
3	0
4	19.9
5	0.1
6	1.1
7	0.5
IC2921	
1	141.6
2	18.3
3	0
IC2922	
1	11.7
2	5
3	0
IC2402	
1	-14.3
2	-14.3
3	-14.3
4	0
5	15.5
6	-12.7
7	9.6
8	-3.8
9	0
10	-11.1
11	0
12	1.2
13	1.2
14	0
15	14.5
16	14.5
17	-14.3
18	-14.3
19	-14.3
20	-14.3
Q2401	
E	0
C	1.2
B	0
Q2402	
E	0.4
C	11.9
B	0.6
Q2501	
E	2.6
C	11.9
B	2
Q2502	
E	0
C	28.3
B	0
Q2503	
E	0
C	140
B	-0.7
Q2521	
E	0
C	11.9
B	1.6
Q2531	
S	0
D	8.7
G	10.8
Q2532	
E	10.8
C	11.9
B	10.9
Q2921	
E	0
C	0.1
B	0.7
Q2922	
E	7.5
C	18.3
B	0
Q2924	
E	0
C	0
B	0.6
Q2925	
E	3.1
C	18.3
B	0.1
Q2926	
E	0
C	0.1
B	0.6
Q2927	
E	31.3
C	11.7
B	31.3
Q2928	
E	0
C	31.1
B	0
Q2941	
E	0
C	14.7
B	0
Q2971	
E	141.5
C	0
B	141.2
PC2921	
1	19.4
2	18.4
3	6.6
4	19.3
PC2922	
1	3.2
2	4
3	0.2
4	5

DEF OSC PWB CIRCUIT DIAGRAM SHEET 12

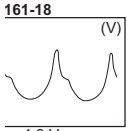


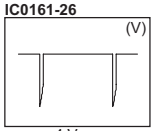
DEF OSC PWB ASS'Y
SSC0H003A-M2



MODE PIN NO.	DC (V)
IC0101	
1	4.7
2	0.1
3	1
4	7.4
5	0
6	8.2
7	5.4
8	1.3
9	2.2
10	6.6
11	5.9
12	0
13	8.3
14	9.1
15	8.4
16	2.2
17	NC
18	0.3
19	4.9
20	7.2
21	11.7
22	6
23	0
24	0
25	0
26	0
27	1.8
28	0.6
29	5.6
30	5.9
IC0102	
1	14.7
2	0
3	12.1
IC0161	
1	4.3
2	4.3
3	0
4	4.9
5	9
6	1.2
7	4.9
8	4.9
9	0
10	0
11	0
12	NC
13	0
14	0
15	11.7
16	4.9
17	4.9
18	2.2
19	0.8
20	2.9
21	7.9
22	2.6
23	1.3
24	6.2
25	11.8
26	3.4
27	0
28	0
IC0162	
1	3.2
2	1.3

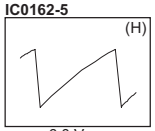
MODE PIN NO.	DC (V)
3	2
4	0
5	3.3
6	0.4
7	10.9
8	11.8
IC0163	
1	11.7
2	0
3	4.9
IC0212	
1	0.1
2	0
3	2.5
4	3.9
5	0.3
6	0.3
7	0.3
8	0
9	NC
10	0
11	0
12	0
13	4.9
14	4.3
15	4.4
16	4.9
Q0101	
E	0
C	11.7
B	0.1
Q0102	
E	0.1
C	11.7
B	0.3
Q0131	
E	0
C	11.7
B	0
Q0132	
E	0
C	4.1
B	0
Q0162	
E	1.7
C	11.7
B	2.2
Q0167	
E	2.1
C	7.9
B	2.1
Q0168	
E	1.3
C	11.7
B	1.5
Q0751	
E	0.4
C	0.4
B	1
Q0752	
E	0
C	0.3
B	0.4
Q0753	
E	0
C	1200
B	0

161-18 (V)

1.3 Vp-p

IC0161-26 (V)

4 Vp-p

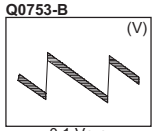
IC0162-2 (H)

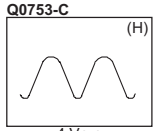
10 Vp-p

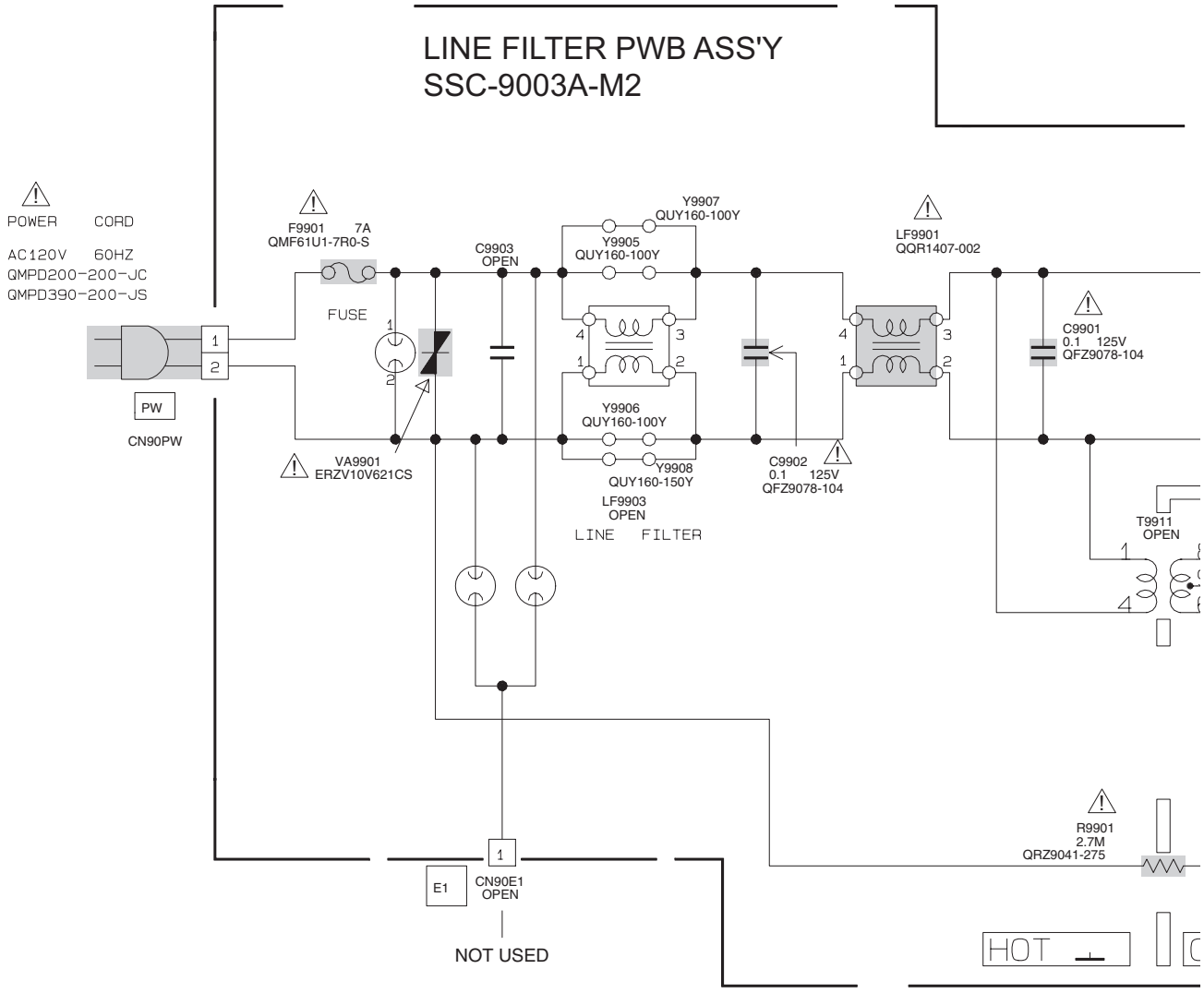
IC0162-5 (H)

6.0 Vp-p

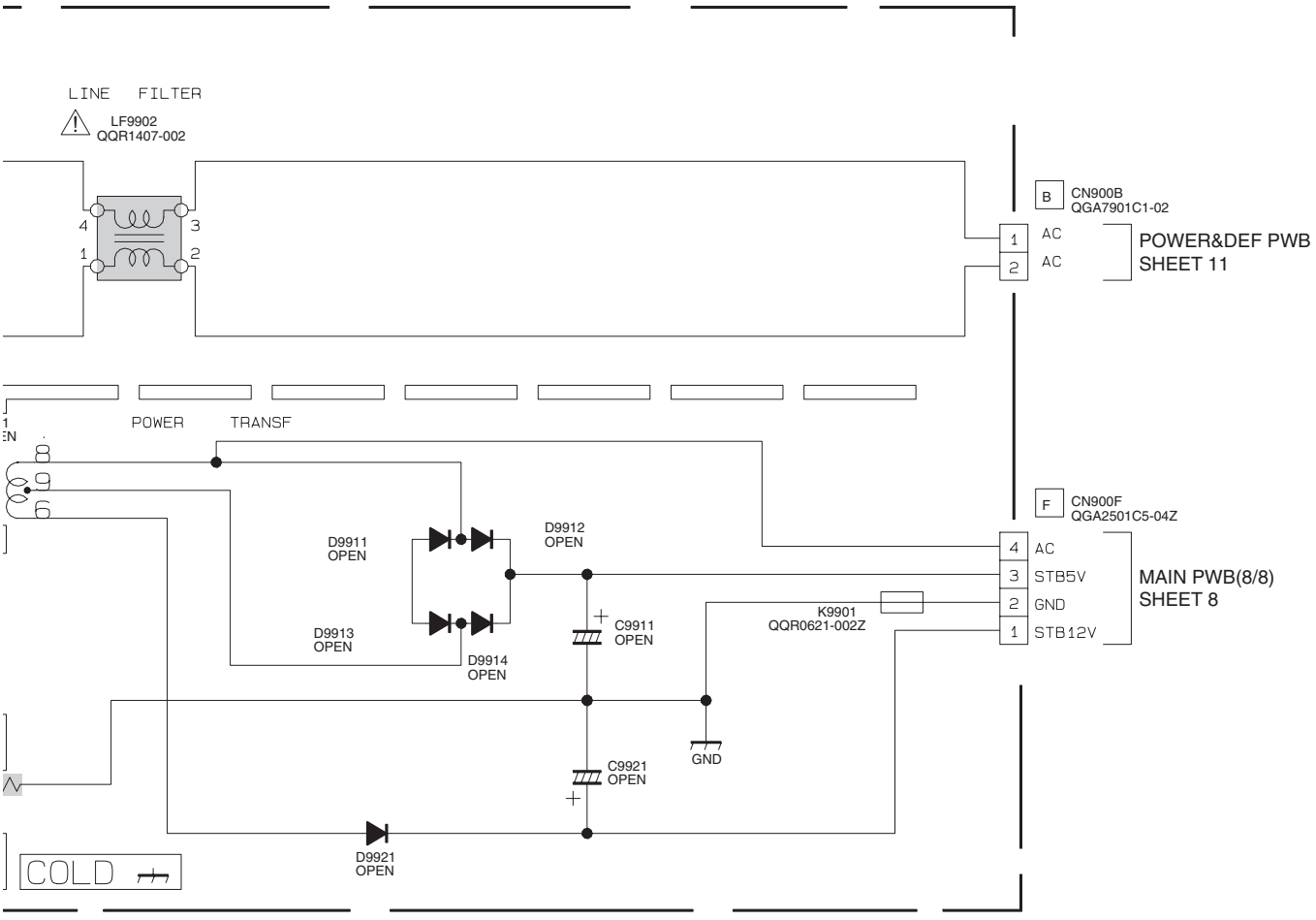
IC0162-7 (H)

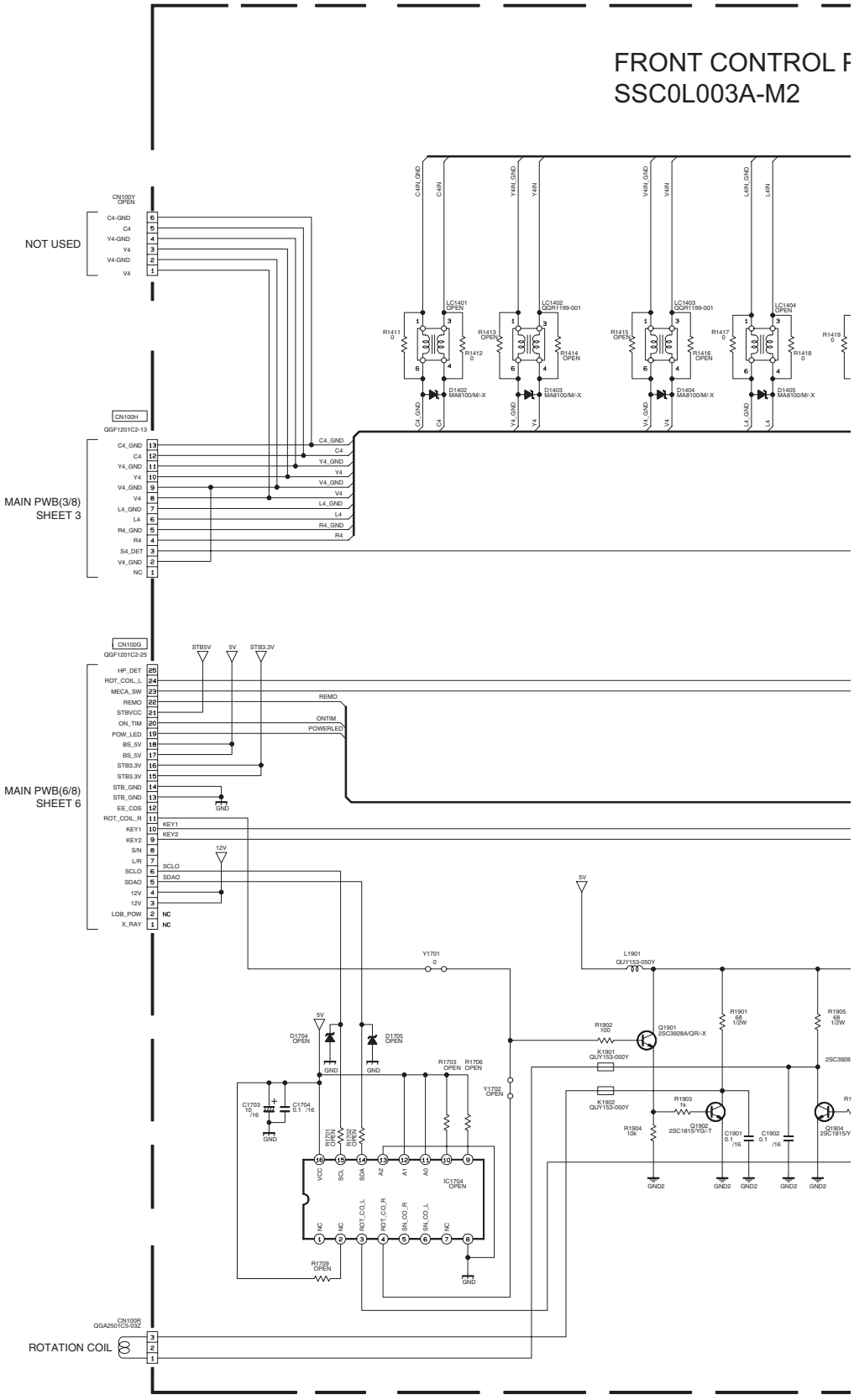
12 Vp-p

Q0753-B (V)

0.1 Vp-p

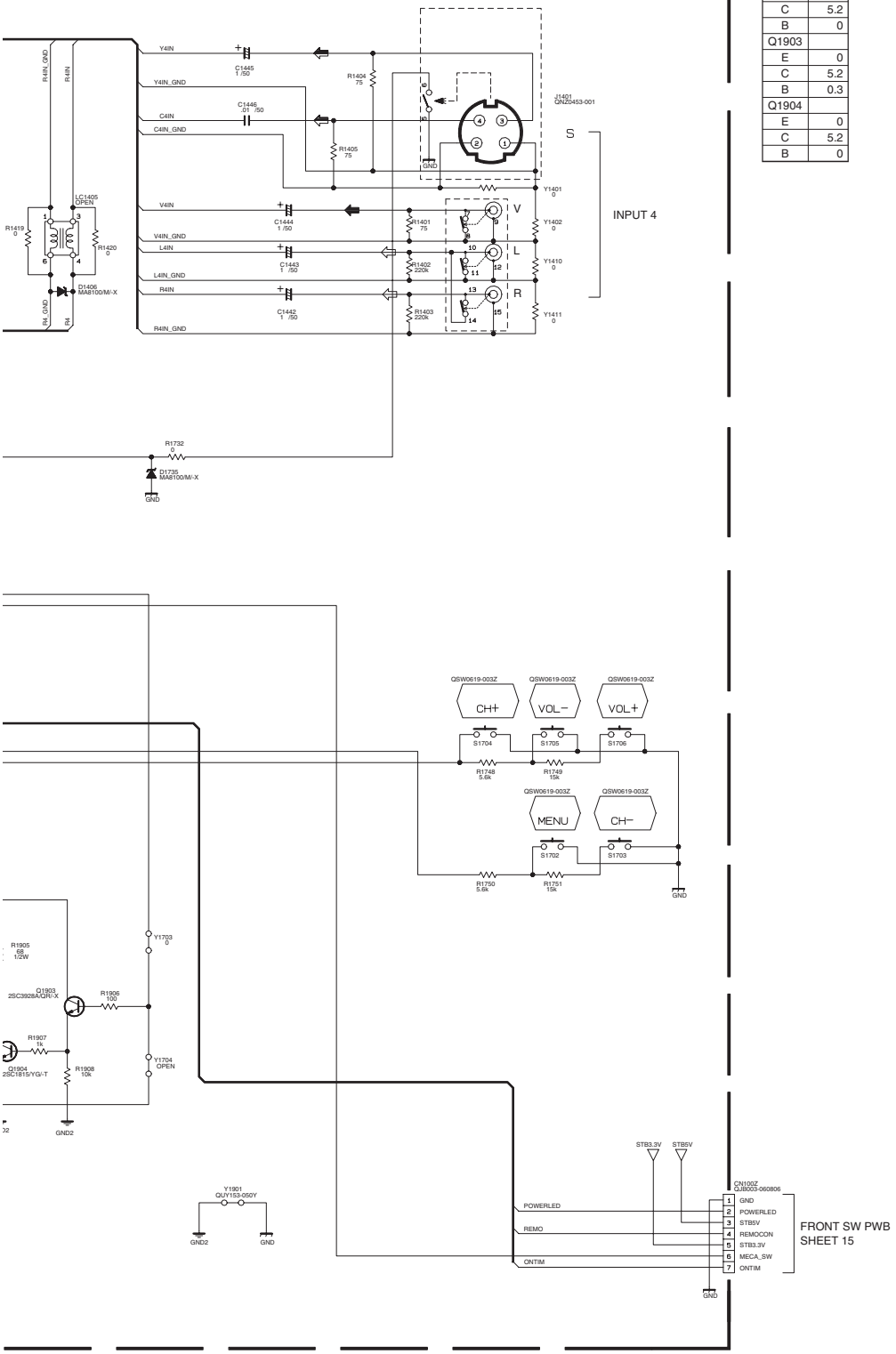
Q0753-C (H)

4 Vp-p


LINE FILTER PWB ASS'Y
SSC-9003A-M2
POWER CORD
AC120V 60HZ
QMPD200-200-JC
QMPD390-200-JS
PW
CN90PW
F9901 7A
QMF61U1-7R0-S
FUSE
VA9901
ERZV10V621CS
C9903
OPEN
Y9907
QUY160-100Y
Y9905
QUY160-100Y
Y9906
QUY160-100Y
Y9908
QUY160-150Y
LF9903
OPEN
LINE FILTER
C9902
0.1 125V
QFZ9078-104
LF9901
QQR1407-002
C9901
0.1 125V
QFZ9078-104
T9911
OPEN
R9901
2.7M
QRZ9041-275
E1
CN90E1
OPEN
NOT USED
HOT


LINE FILTER
LF9902
QQR1407-002
4
3
1
2
B
CN900B
QGA7901C1-02
1 AC
2 AC
POWER&DEF PWB
SHEET 11
POWER TRANSF
8
9
6
D9911
OPEN
D9912
OPEN
D9913
OPEN
D9914
OPEN
C9911
OPEN
K9901
QQR0621-002Z
F
CN900F
QGA2501C5-04Z
4 AC
3 STB5V
2 GND
1 STB12V
MAIN PWB(8/8)
SHEET 8
C9921
OPEN
GND
D9921
OPEN
COLD

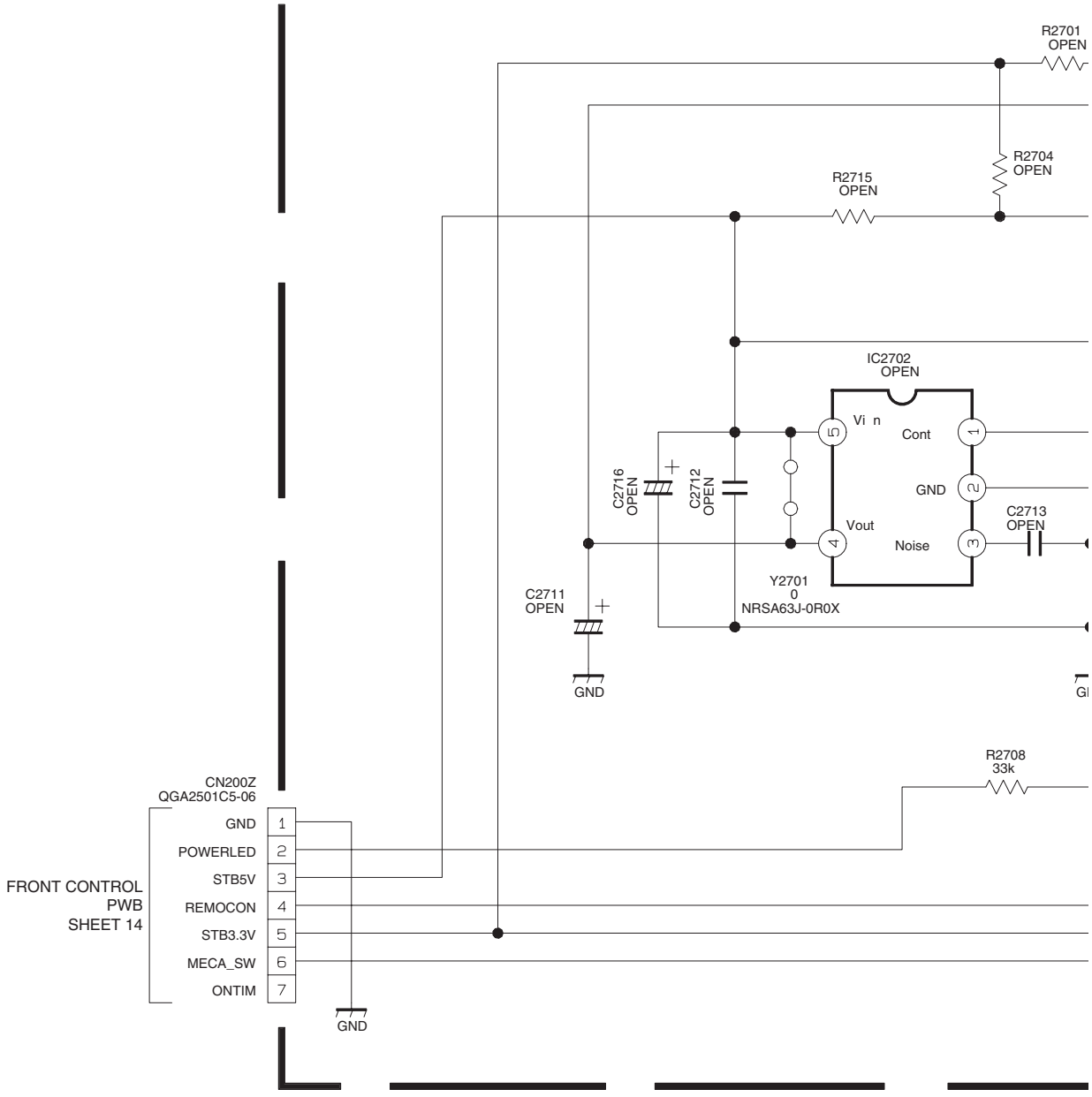

FRONT CONTROL P
SSC0L003A-M2
NOT USED
MAIN PWB(3/8)
SHEET 3
MAIN PWB(6/8)
SHEET 6
ROTATION COIL
CN100Y
CN100H
CN100G
CN100R
REMO
ONTIM
POWERLED
KEY1
KEY2
SCLO
SDAO
NC
GND
5V
12V
STB5V
STB3.3V
Y1701
Y1702
L1901
IC1704

L PWB ASS'Y

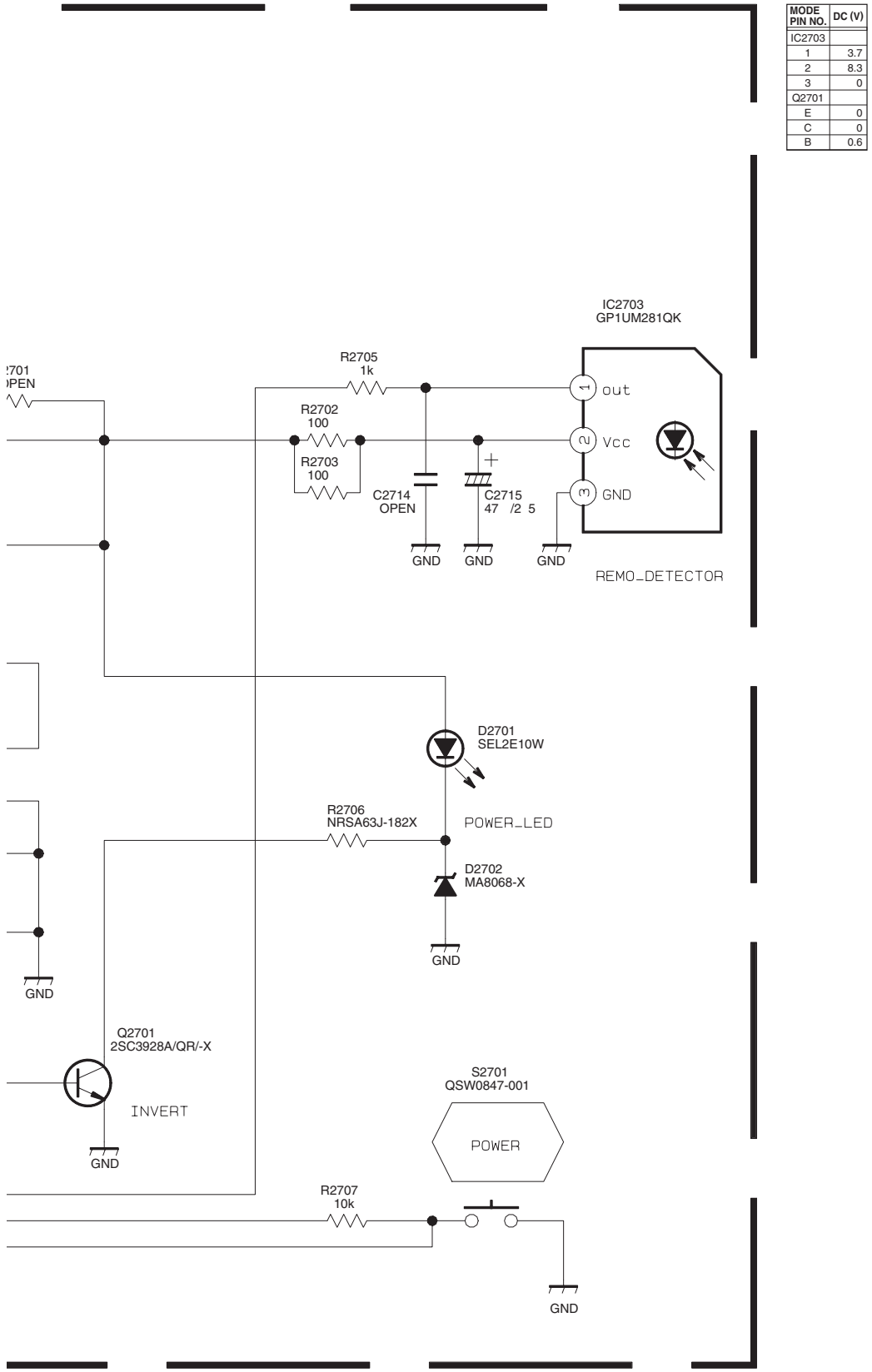


MODE PIN NO.	DC (V)
Q1901	
E	0
C	5.2
B	0.3
Q1902	
E	0
C	5.2
B	0
Q1903	
E	0
C	5.2
B	0.3
Q1904	
E	0
C	5.2
B	0

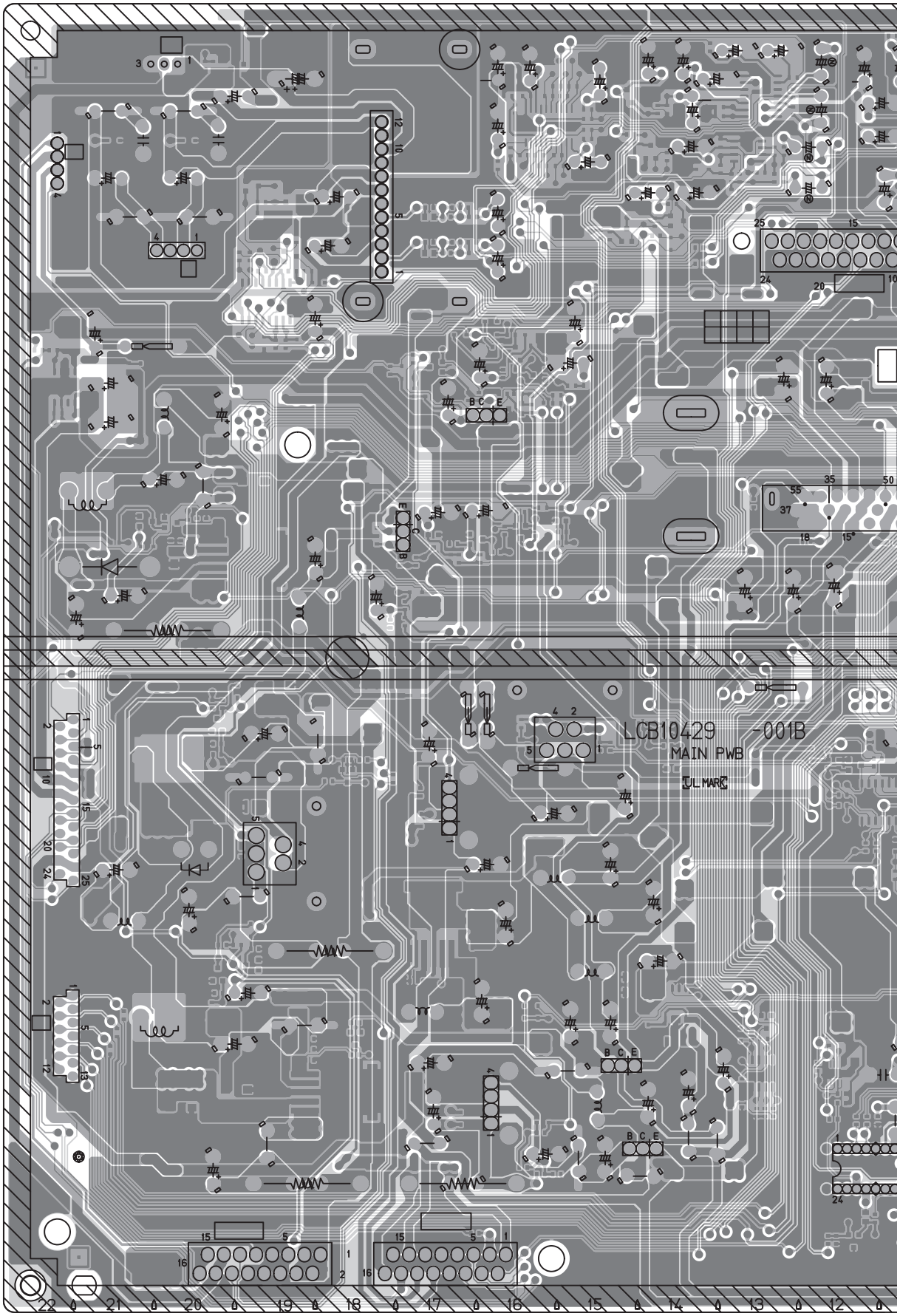
FRONT SW PWB ASS'Y
SSC0L104A-M2 : AV-32S565/Y
SSC0L103A-M2 : AV-32S575/Y, AV-32S585/Y

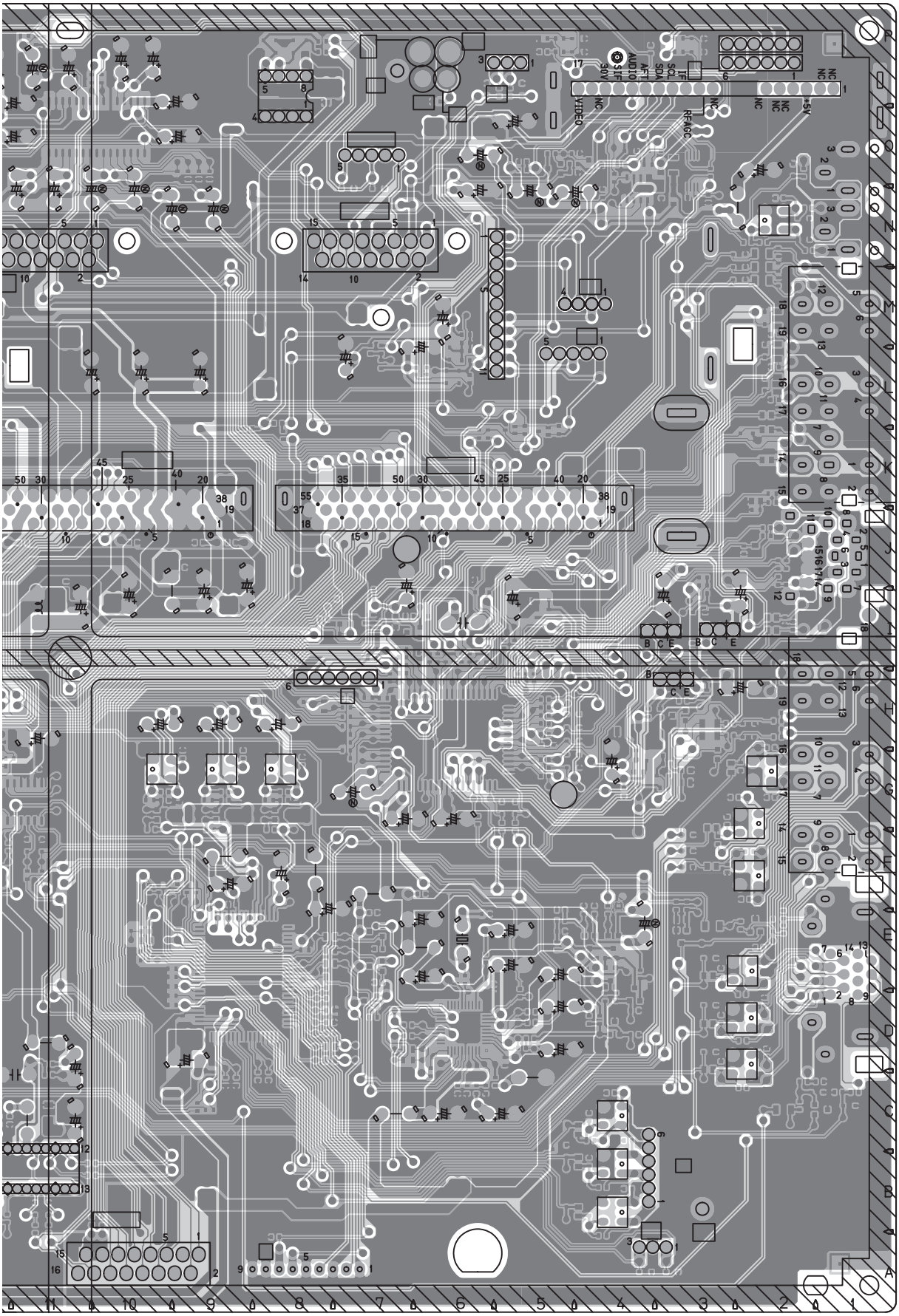


MODE PIN NO.	DC (V)
IC2703	
1	3.7
2	8.3
3	0
Q2701	
E	0
C	0
B	0.6

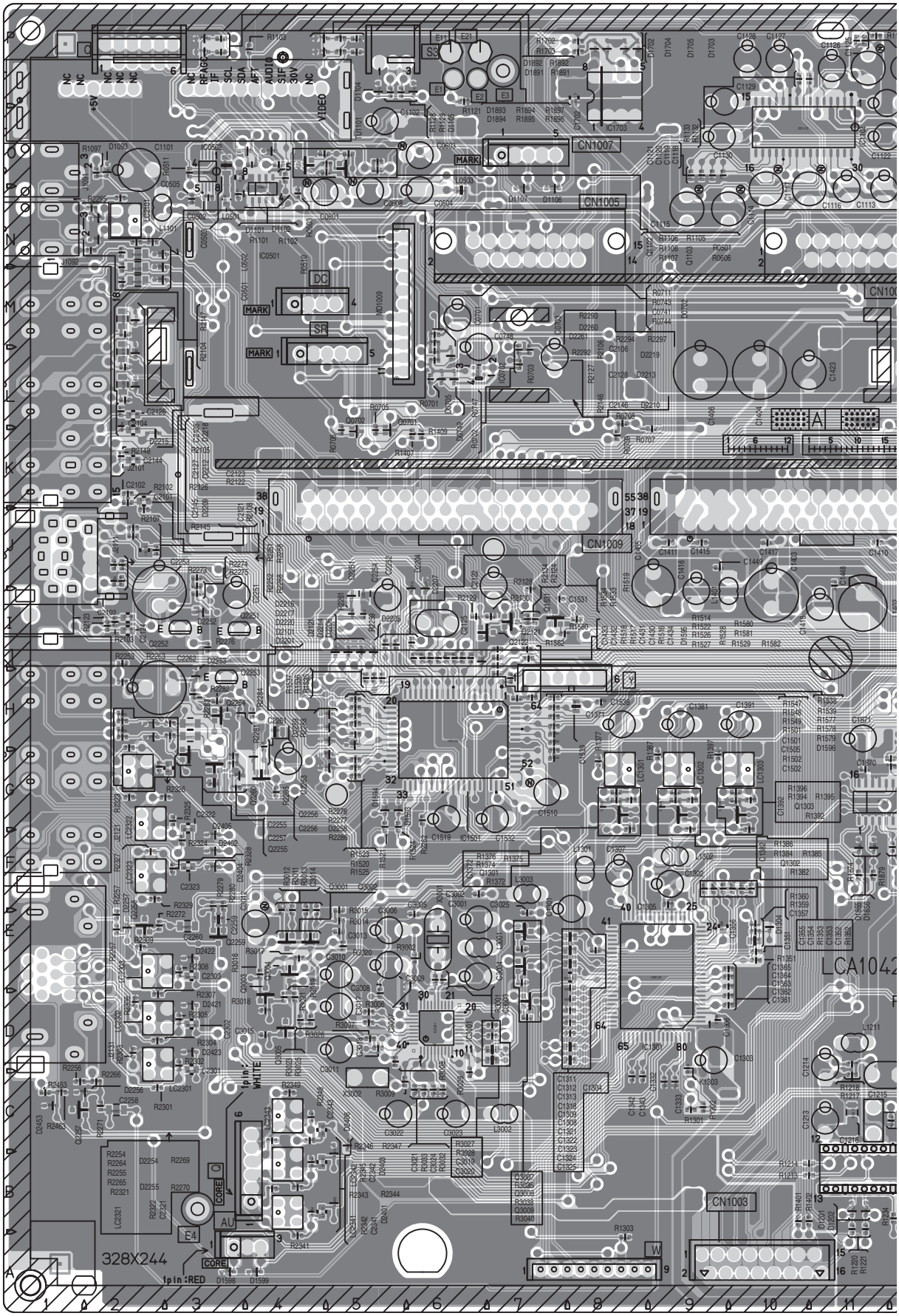


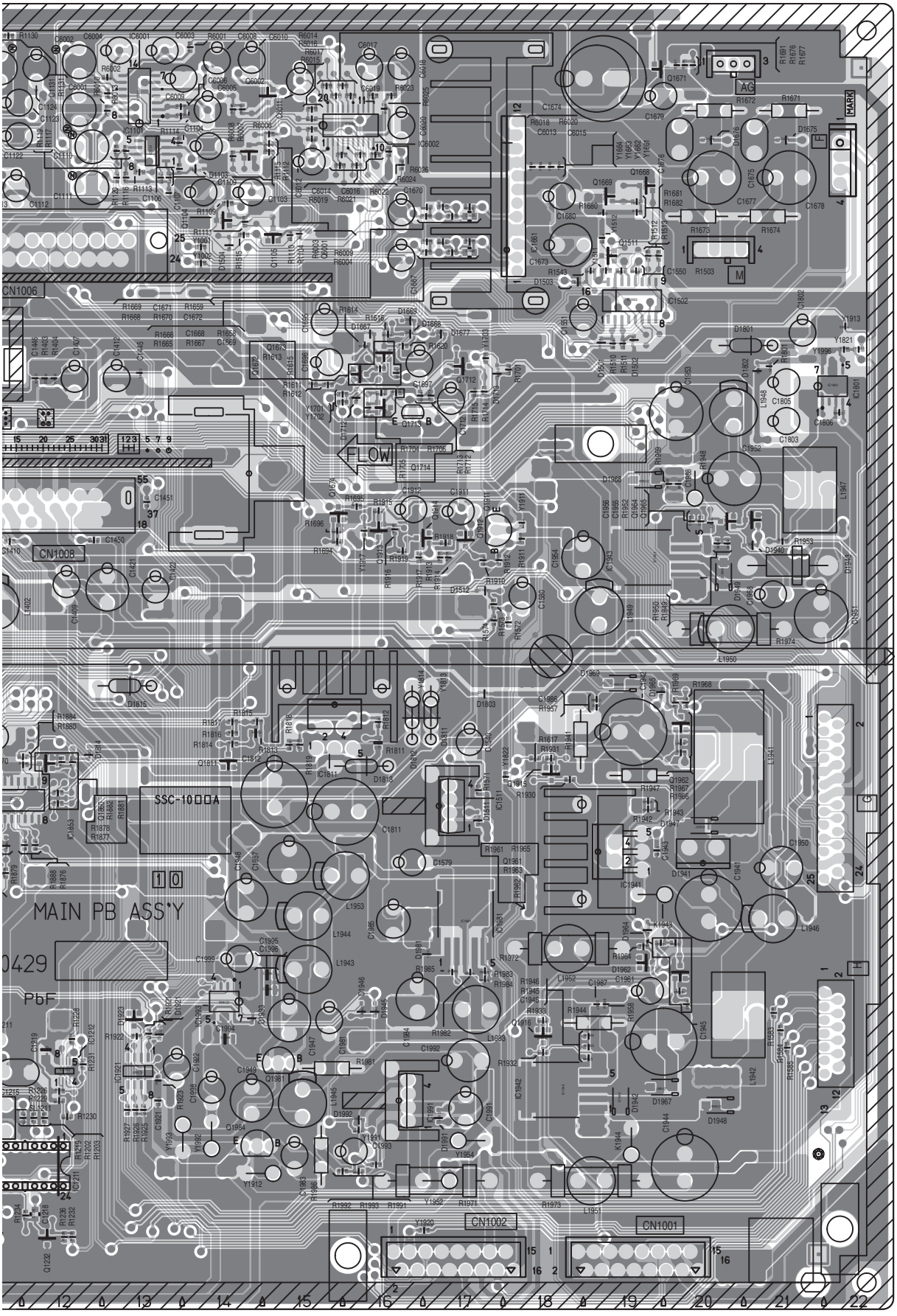
PATTERN DIAGRAMS *MAIN PWB PATTERN [SOLDER SIDE]*





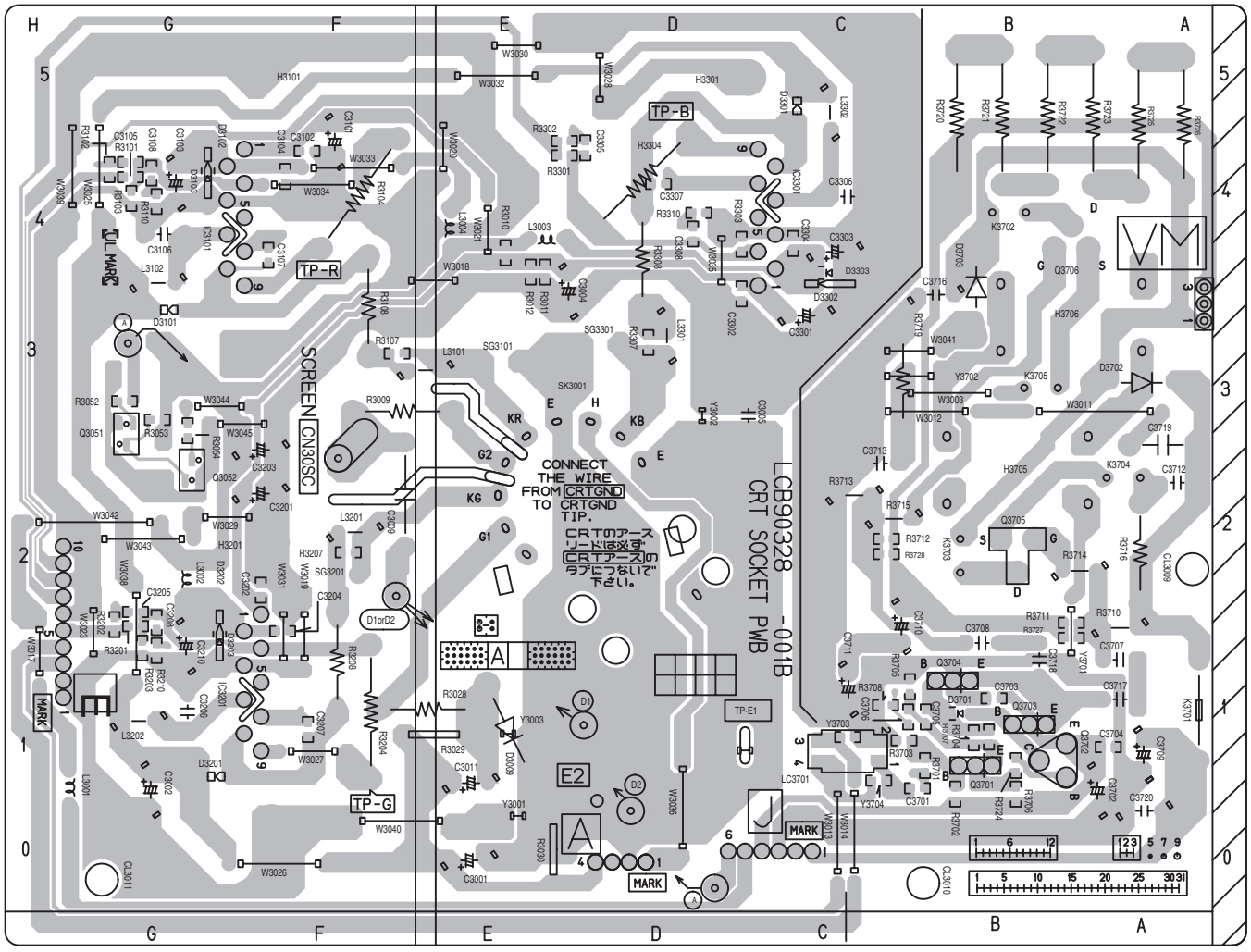
MAIN PWB PATTERN [PARTS SIDE]



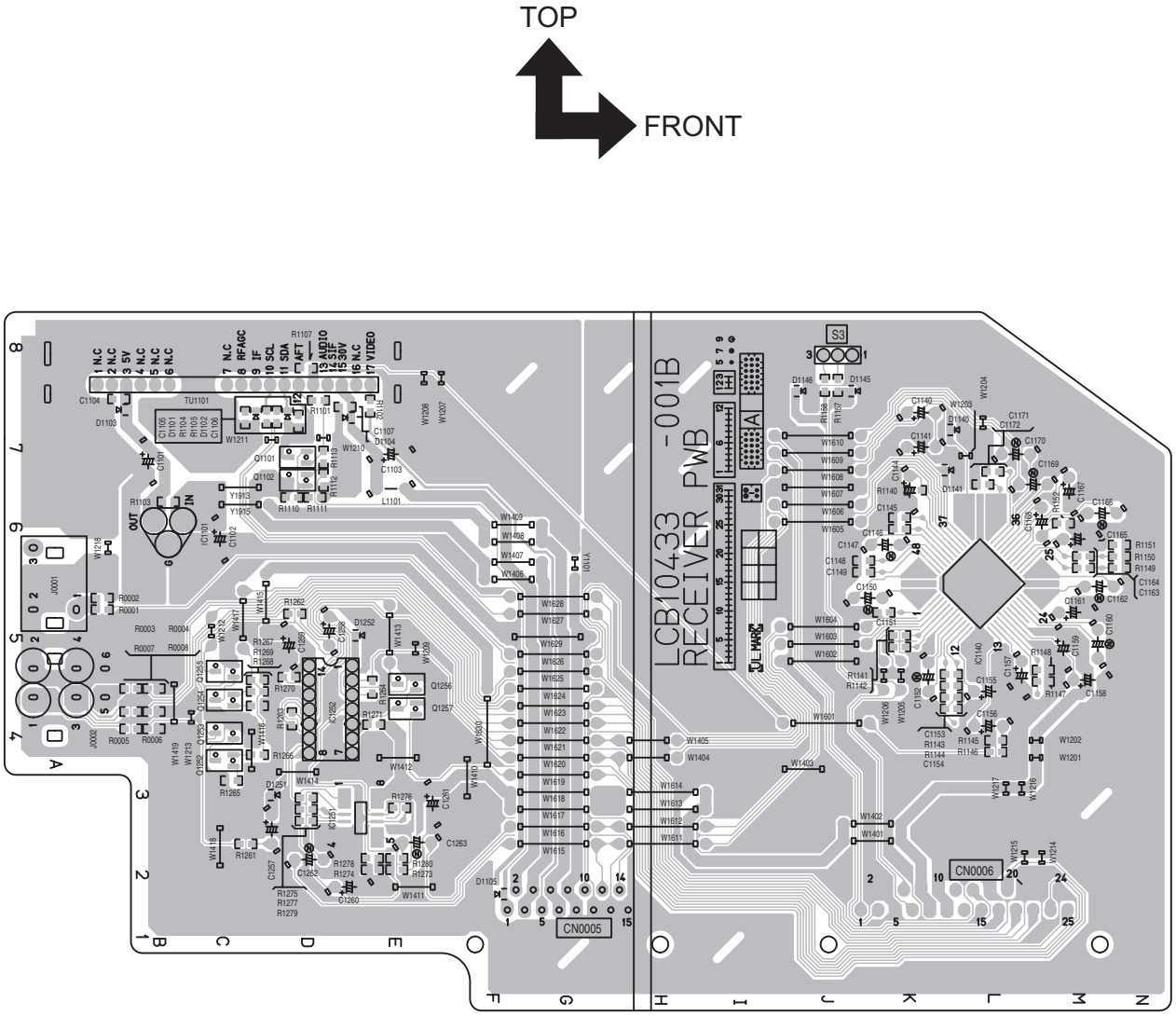

MAIN PB ASS'Y
SSC-10□□A
CN1001
CN1002
CN1006
CN1008
FLOW
AG
MARK
FRONT

CRT SOCKET PWB PATTERN

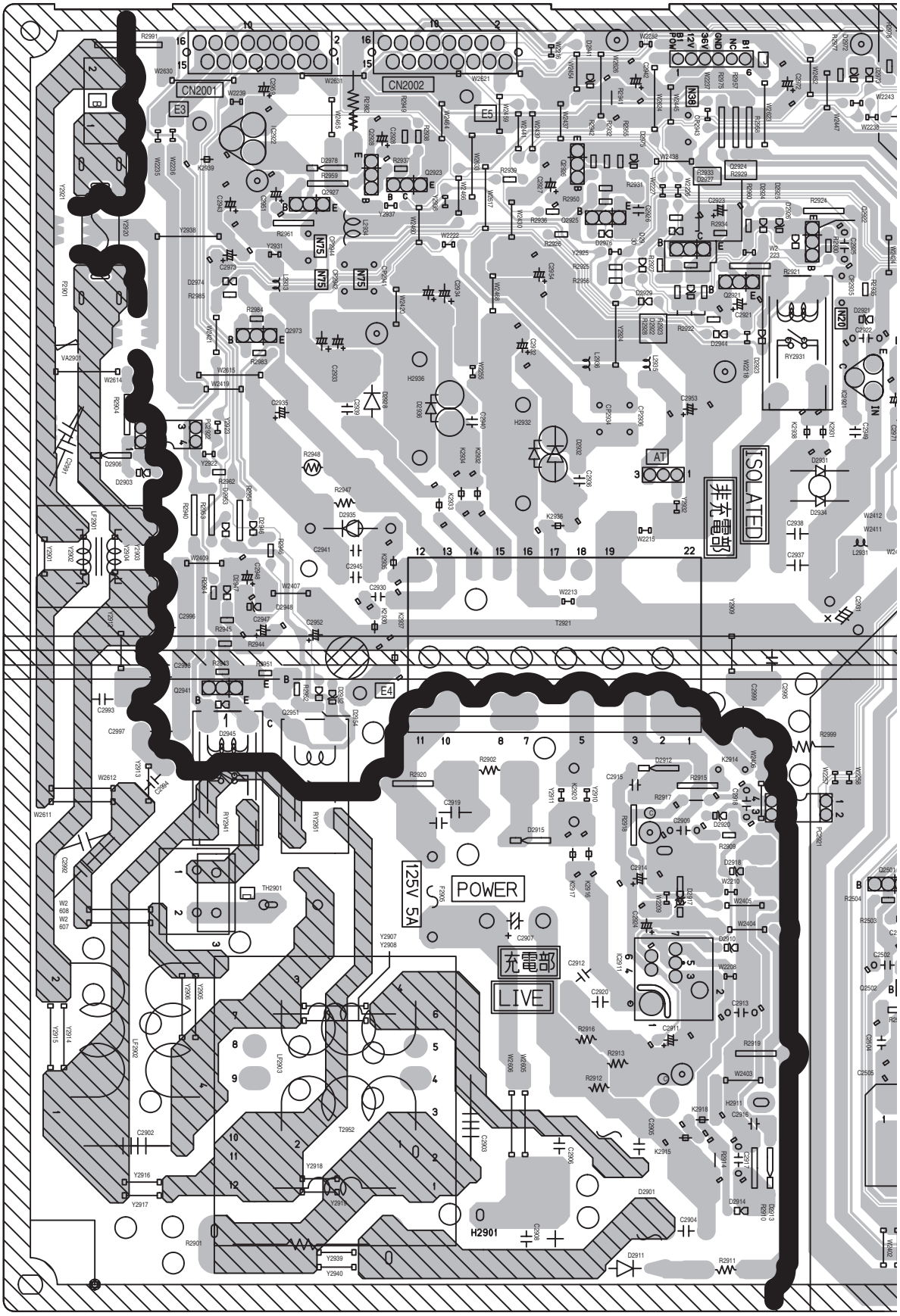
TOP



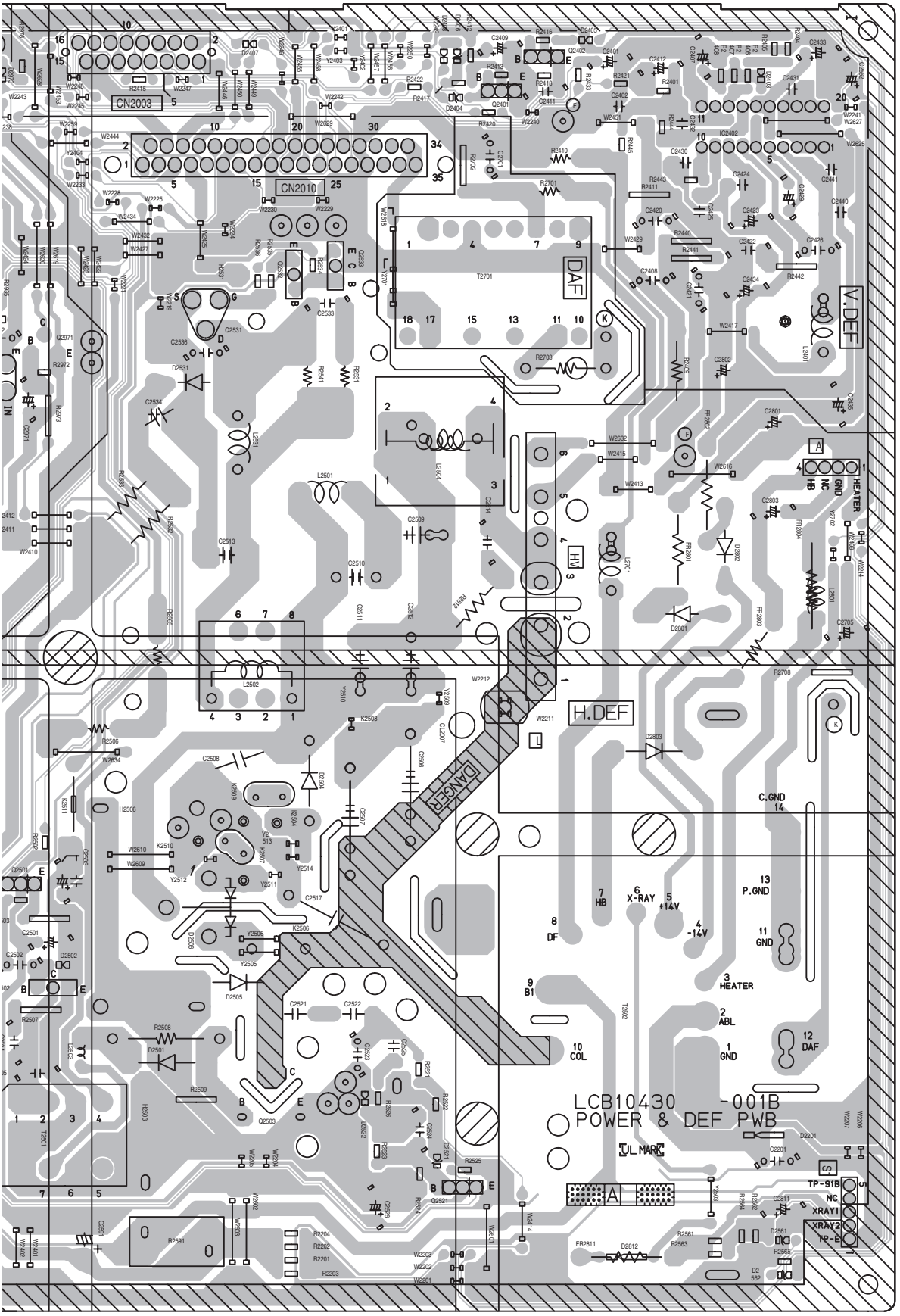
RECEIVER PWB PATTERN



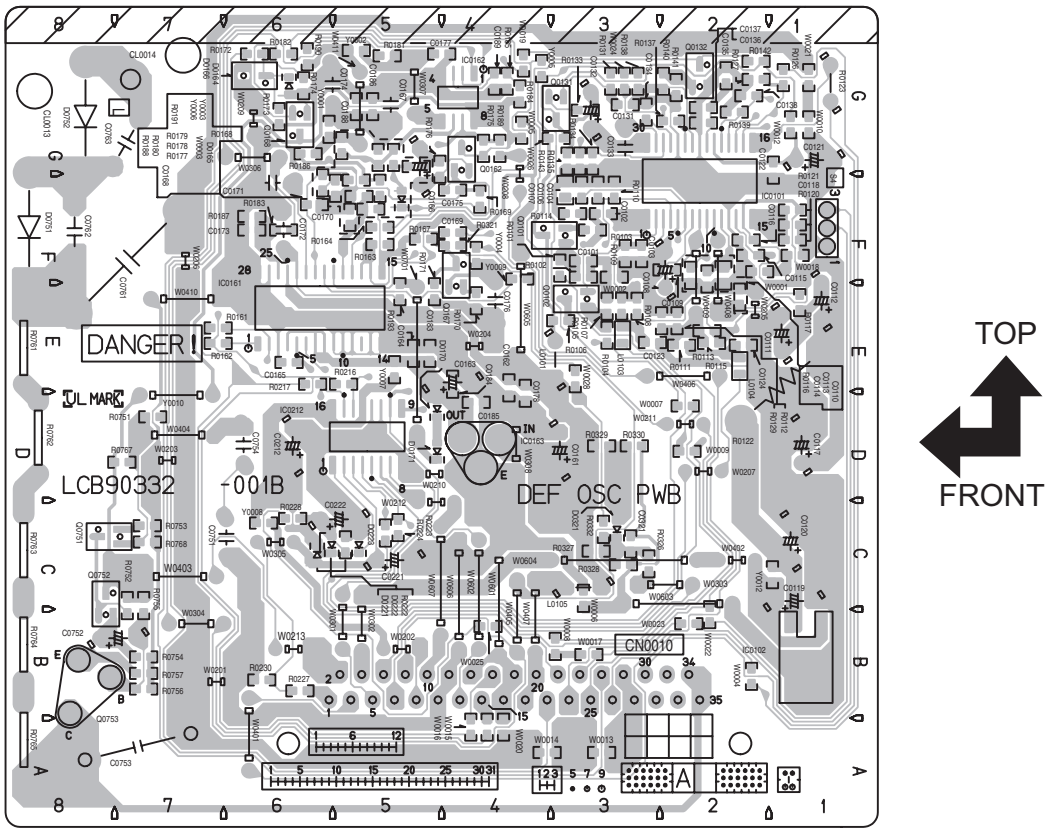
FRONT


CN2001
CN2002
E3
E5
E4
ISOLATED
非充電部
AT
POWER
125V 5A
充電部
LIVE
N75
N38
N20
IN
RY2931
H2901
H2911
TH2901

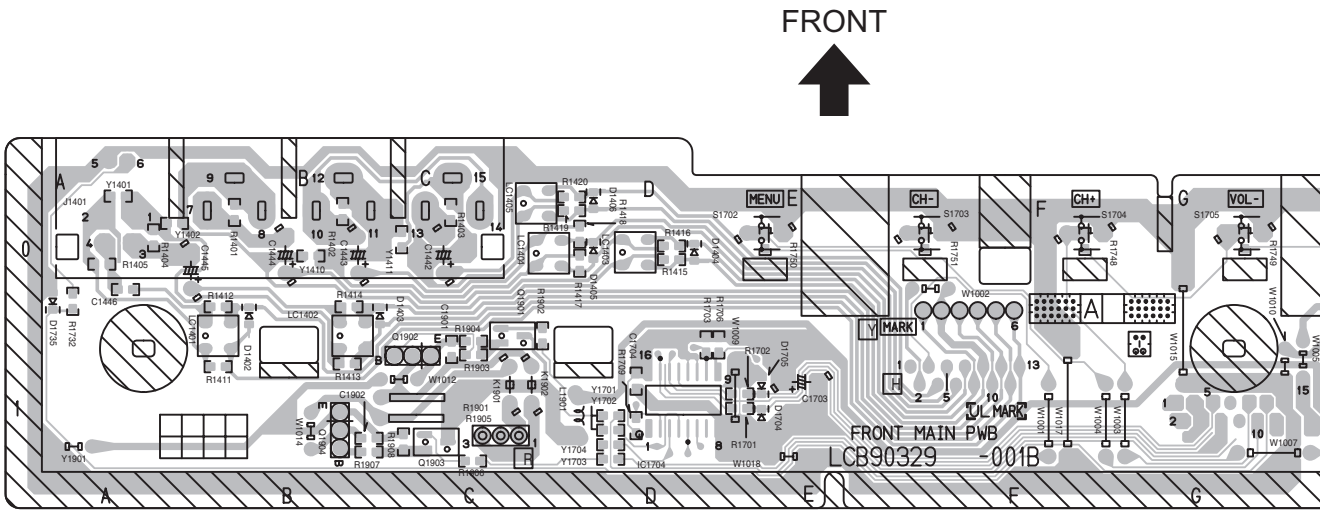
CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S)
AND ROHM'S MFR'S TYPE CP(S).



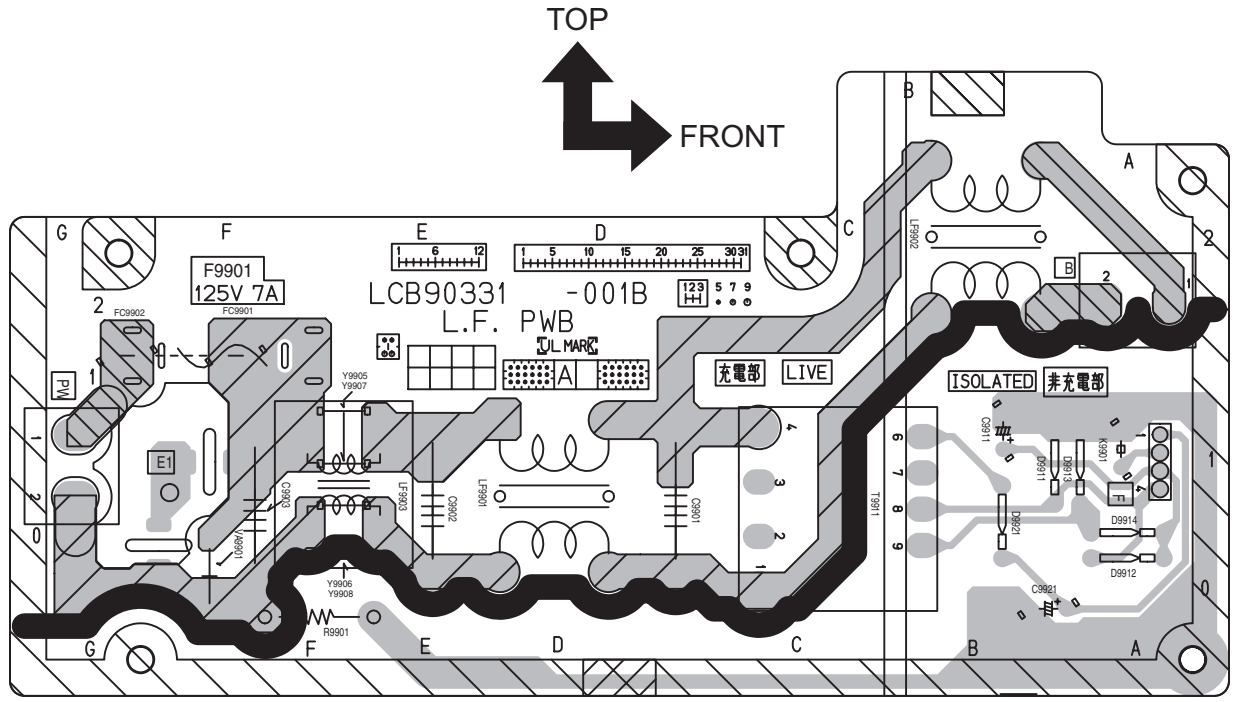
DEF OSC PWB PATTERN



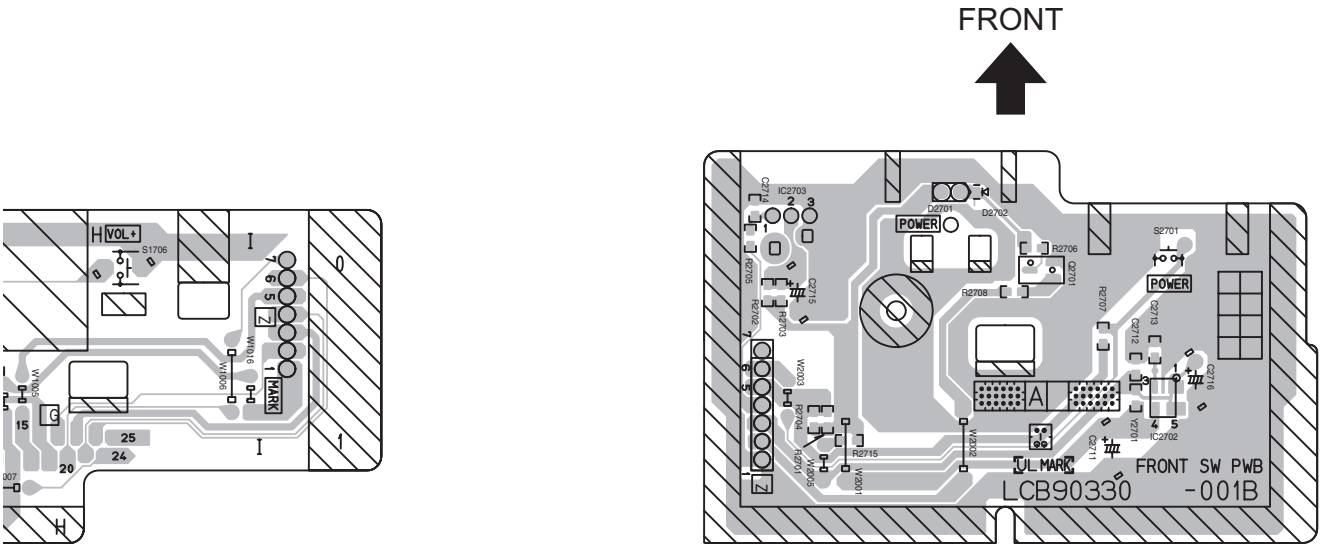
FRONT CONTROL PWB PATTERN



LINE FILTER PWB PATTERN



FRONT SW PWB PATTERN



CHANNEL CHART (US)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02 03 04 05 06		I
		VH	07 08 09 10 11 12 13		II
×	○	MID	A B	14 15	I
			C D E F G H I	16 17 18 19 20 21 22	II
		SUPER	J K L M N O P Q R S T U V W	23 24 25 26 27 28 29 30 31 32 33 34 35 36	
		HYPER	W+1 W+2 W+3 W+4 W+5 W+6 W+7 W+8 W+9 W+10 W+11	37 38 39 40 41 42 43 44 45 46 47	
			W+12 W+13 W+14 W+15 W+16 W+17 W+18 W+19 W+20 W+21 W+22 W+23 W+24 W+25 W+26 W+27 W+28	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	IV
		ULTRA	W+29 W+30 W+31 W+32 W+33 W+34	65 66 67 68 69 70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+54 W+55 W+56 W+57 W+58 W+59 W+60 W+61 W+62 W+63 W+64 W+65 W+66 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+76 W+77 W+78 W+79 W+80 W+81 W+82 W+83 W+84	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125	IV
		SUB MID	A-8 A-4 A-3 A-2 A-1	01 96 97 98 99	I
○	×	UHF	14 〜 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02 03 04 05 06		I
		VH	07 08 09 10 11 12 13		II
×	○	MID	A B C D E F G H I	14 15 16 17 18 19 20 21 22	
		SUPER	J K L M N O	23 24 25 26 27 28	
			P Q R S T U V W	29 30 31 32 33 34 35 36	III
		HYPER	W+1 W+2 W+3 W+4 W+5 W+6 W+7 W+8 W+9 W+10 W+11 W+12 W+13 W+14 W+15 W+16 W+17 W+18 W+19 W+20 W+21 W+22 W+23 W+24 W+25 W+26 W+27 W+28	37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	
		ULTRA	W+29	65	
			W+30 W+31 W+32 W+33 W+34	66 67 68 69 70	IV

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+54 W+55 W+56 W+57 W+58 W+59 W+60 W+61 W+62 W+63 W+64 W+65 W+66 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+76 W+77 W+78 W+79 W+80 W+81 W+82 W+83 W+84	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125	IV
		SUB MID	A-8 A-4	01 96	I
			A-3 A-2 A-1	97 98 99	II
○	×	UHF	14 ≀ 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
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